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62-1

Michell's GARDEN BOOK



NEW SENSATION COSMOS, RADIANCE
SILVER MEDAL AWARD '48, ALL-AMERICA SELECTIONS
See page 2
Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.50

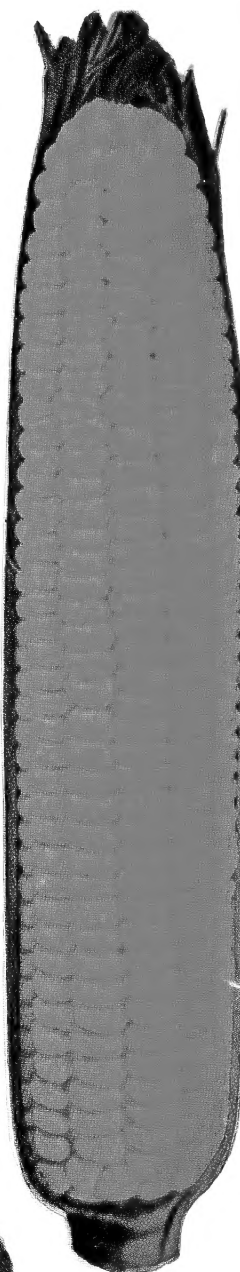
Spring 1948

HENRY F. MICHELL CO.

516-518 MARKET STREET • PHILADELPHIA 5, PENNA.



CORN, Ioana
 Pkt. 15c.; 1/2 lb. 40c.;
 lb. 70c.; 5 lbs. \$3.00



MICHELL'S *Green Velvet Lawn Seed*

A rich green turf, velvety in appearance and springy to walk on, is within the reach of every lawn maker. Michell's Green Velvet Lawn Seed produces just such results, sown at the rate of 5 pounds per 1000 square feet. It is a perfectly hardy mixture of fine grasses, ideally suited for permanent lawns. Over fifty years' experience with the problems of fine turf have gone into the making of this mixture, and we recommend it for all open, sunny locations.

Lb.....	\$0 85	10 lbs.....	\$7 00
3 lbs.....	2 40	25 lbs.....	16 75
5 lbs.....	3 75	100 lbs.....	65 00

MICHELL'S LAWN DRESSING

A complete organic fertilizer made up expressly for use on lawns and putting greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

5 lbs.....	\$0 50	50 lbs.....	\$2 50
10 lbs.....	85	100 lbs.....	4 75
25 lbs.....	1 50	1/2 ton.....	38 50



**NEW
 TOMATO,
 American
 Champion.**

Pkt. 25c.;
 1/2 oz. 85c.;
 oz. \$1.50

THREE *fine* VEGETABLES

BIBB LETTUCE. A fine head Lettuce for the home garden. The heads are medium sized, with dark green outer leaves tinged brown and rich yellowish green heart. Crisp, distinctive flavor. For either spring or fall crop.

IOANA CORN. One of the prize-winning new hybrid Sweet Corns. Ears are about 8 inches long, with 12 or 14 rows of deep, light yellow kernels of delicious flavor. Shows great resistance to wilt.

AMERICAN CHAMPION TOMATO. Large, smooth, deep red fruits, somewhat flattened and ripening evenly over the entire surface. Vigorous, large plants. A very fine new strain.



**LETTUCE,
 Bibb. Pkt. 15c.;
 1/2 oz. 25c.;
 oz. 45c.;
 1/4 lb. \$1.25**

SPECIAL TELEPHONE SERVICE LOMBARD 3-5620 TO 3-5629. GET PROMPT, COURTEOUS ATTENTION

MICHELL'S GREEN VELVET GRASS SEED - ONE OF THE FINEST AND MOST PERMANENT GRASSES FOR THE LAWN.

SEE NEW NOVELTIES IN FLOWER SEEDS.

Customers

please note

*To avoid misunderstanding
read these conditions
of sale.*

Special Telephone Service



Bell:
Lombard 3-5620 to 3-5629

**Telephone Your Order . . .
it will get prompt, courteous
attention here.**

LOCAL DELIVERY

Our free delivery service covers the suburban Philadelphia area. The limits are: PAOLI, RIDLEY PARK, CHESTNUT HILL, WILLOW GROVE, ABINGTON, RYDAL, SOMERTON, SPRINGFIELD, MORTON, and Intermediate points, but we do not guarantee to maintain a daily delivery to these places.

SPECIAL ATTENTION

To our customers in New Jersey:

Due to the curtailment of motor transportation and other conditions beyond our control, we are unable to make free deliveries to Camden and vicinity.

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets. The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

**10 lbs. and under, 12c. 26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c. 41 lbs. to 50 lbs., 30c.**
**Shipments weighing more cannot be sent
via Package Service.**

ORDER EARLY

We would greatly appreciate it if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods.

GIFT CERTIFICATES

"Michell's Gift Certificates" available in any amount and redeemable at any time for our merchandise, which will make unusual gifts for your garden-loving friends. They are ideal for Christmas, birthday and other remembrances.

WE WELCOME CHARGE ACCOUNTS

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

HAVE YOU MOVED?

Please let us know of any permanent change of address so that you may receive our catalogs regularly.

CUSTOMERS' SERVICE

We endeavor at all times to take care of our customers' requirements. However, due to present conditions, we are not always able to supply just the item you order. We ask your permission to substitute a similar variety, when the supply of the variety ordered is exhausted. In this event we feel sure that we can render satisfactory service.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

PACKING CHARGES

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items: plants and cold-storage bulbs. If shipment is requested by express or freight, send a partial remittance with the order. No C. O. D. orders accepted for less than \$1.00.

CONDITIONS OF SALE

All contracts, sales, and acknowledgments of orders are contingent upon crop failure, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

"In accord with the disclaimer adopted by the American Seed Trade Association, the Henry F. Michell Co. gives no warranty, express or implied, as to the productiveness of any seeds, or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds or bulbs."

FORWARDING SERVICE

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the First and Second Zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the First and Second Zones; for other Zones add additional postage or at the rate quoted in table below.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.

SAFE ARRIVAL. We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, Plants and Bulbs Included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia	\$0 08	\$0 01	Limit of weight to all zones, 70 lbs.
1st Zone, within 50 miles of Philadelphia	09	01	A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
2d Zone, over 50 and under 150 miles	09	01	
3d Zone, over 150 and under 300 miles	10	02	
4th Zone, over 300 and under 600 miles	11	04	
5th Zone, over 600 and under 1000 miles	12	06	
6th Zone, over 1000 and under 1400 miles	13	08	
7th Zone, over 1400 and under 1800 miles	15	10	
8th Zone, over 1800 miles	16	12	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 17c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if order to be sent by either of the methods as stated above.

PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

Notice to Customers in Canada and Other Countries Outside of the United States. In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par in United States funds.

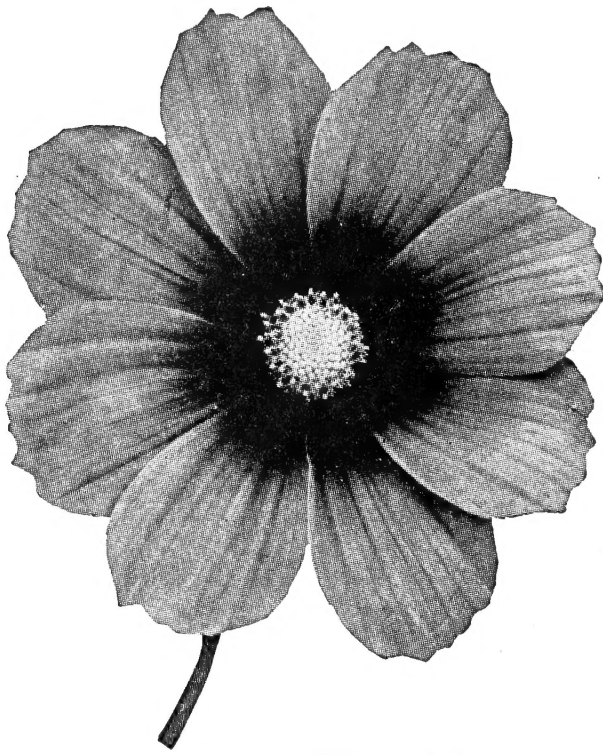
HENRY F. MICHELL CO.

516-518 Market Street

PHILADELPHIA 5, PA.

WAREHOUSES: 509-11-13 Ludlow St. and American and Dauphin Sts.

Michell's Novelty and Specialty Flower Seeds.



Cosmos, Radiance

ANTIRRHINUM, VELVET GIANT

Bronze Medal, All-America Selections. The large fringed flowers have a pronounced velvety texture; deep crimson illumined with undertone of orange-bronze. Plants are base branching, 2½ feet tall, with 6 to 12 spikes to a plant. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75.

ANTIRRHINUM, NEW GIANT RUFFLED (TETRA)

Largest flowered of all Snapdragons. Individual florets are huge—1¾ to 2¼ inches wide. Many distinctly and attractively ruffled. The color-range contains all the variations of bright orange, pink, red, yellow, scarlet, and white. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower-spikes. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

ANTIRRHINUM, SEMI-DWARF RUSTPROOF

Michell's Exclusive Introductions

This popular group comprises the following five separate colors and mixture. The plant habit is very dwarf, compact and free flowering; exceptionally fine for pots or bedding.

Appleblossom. Beautiful appleblossom-pink shade.

Dandy. Flowers are glowing orange with white tube. Brilliant shade.

Princess. Bright salmon-rose.

White Gem. Pure white.

Yellow Gem. Clear golden yellow.

Choice Mixture. Blended from the above colors. Separate colors and mixture, pkt. 25c.; large pkt. 75c.

ANTIRRHINUM, SUPER MAJESTIC, PINK JEWEL

Huge waved Spencer type with bright pink flowers. An excellent type. Pkt. 25c.; large pkt. 75c.

EARLY GIANT ASTERS

The flowers are full, with broad, graceful petals, daintily plumed and intertwined; 4 to 5 inches across. Plants 1½ to 2 feet tall, with branches coming low on the central spike, with practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

Light Blue.

Peachblossom. Opens white, flushes pink.

Rose Marie. Rich lively shade of rose.

Early Giant Mixed. Above three varieties.

Any of above, pkt. 25c.; large pkt 60c.

ASTER, WILT-RESISTANT QUEEN OF THE MARKET, BALLET QUEEN

Good news for Aster growers! This Queen is very definitely wilt-resistant, and a fascinating shade of deep salmon-rose that attracts attention immediately. It bears 3½-inch flowers generously on plants useful for both bedding and cutting. Pkt. 25c.; large pkt. 75c.

CALENDULA, PACIFIC BEAUTIES

A new strain with very large flowers on long upright stems. The colors range from pale lemon-buff to deep orange, making the flowers very attractive. Excellent for cutting. Splendid mixture. Pkt 25c.; large pkt. 60c.

CARNATION, MARGUERITE, GIANT-FLOWERING, ALL-DOUBLE, MIXED

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

CENTAUREA, MICHELL'S BLUE BONNET

Improved deep blue. A superior strain with large, deep blue, very double flowers. Pkt. 15c.; large pkt.40c.; oz. \$1.00.

COSMOS, RADIANCE (BODGER)

Silver Medal, All-America Selections, Top award winner for 1948. A striking new color combination never before seen in Sensation Cosmos: deep rose petals overlaid with a large, well-defined zone of rich crimson, the first bicolor Cosmos ever to be developed. Destined for immediate popularity in the nation's gardens, it is the first post-war novelty. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.50.

DIANTHUS HEDDENSIS, WESTWOOD BEAUTY Annual

Honorable Mention, All-America Selections. As the type implies, this new Dianthus is the result of a cross between *Dianthus Heddwigi* and *Dianthus chinensis*, combining the large open flowers of Heddwigi and the long stems of Chinensis. Flowers single, 1½ to 2¼ inches, deeply laciniated. The color is somewhat variable in shades of crimson and scarlet, some having attractive white edgings. Average height 16 inches. Pkt. 25c.; large pkt. 75c.; oz. \$2.50.

DIANTHUS, NEW SINGLE IMPROVED GAIETY

An excellent large-flowered type with well-fringed flowers in a brilliant mixture of colors. Pkt. 15c.; large pkt. 40c.; oz. \$2.00.

DIANTHUS HEDDENSIS, FINEST MIXED

The 1946 Award Winner, Westwood Beauty, is now offered in the full range of Dianthus colors. Well-formed, 2-inch flowers on 16-inch stems, fine for cutting. An entirely new Tetraploid variety combining the large open flowers of Heddwigi with the rugged growth and long-stemmed habit of Chinensis, and more tolerant of extreme temperatures than either of its parents. Pkt. 25c.; large pkt. 60c.; oz. \$3.00.

LARKSPUR, NEW GIANT IMPERIAL, DEEP CARMINE KING IMPROVED

A larger, more beautiful Carmine King, which will hold its color under the most trying conditions. Newest and largest of the favorite Giant Imperial type, it will certainly become the standard carmine in this class. Pkt. 25c.; large pkt. 60c.; oz. \$2.00.

HIBISCUS, NEW AVALON HYBRIDS

Perennial

An exceedingly diverse strain not only in flower form and color but in foliage and plant habit as well. Flowers are huge, and the color varies from the palest blush through pinks into vivid, rich red. Height 4 feet. Pkt. 25c.; large pkt. 75c.

MYOSOTIS, BLUE SPIRE (NEW)

(Forget-me-not)

Very large flowered; rich blue color. Compact medium habit; free flowering. Pkt. 25c.; large pkt. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

All-America Winners and Special Novelties

MARIGOLD, NEW DWARF SINGLE FRENCH, RED HEAD

The plants grow very vigorously, forming a compact row 15 inches high and 20 inches across. The single flowers grow 2 inches across, open a rich mahogany color and expand rapidly, the color being altered by bright sunlight to autumn and later to shades of bronze and gold. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.25.

MARIGOLD, DWARF FRENCH, NAUGHTY MARIETTA

Honorable Mention, All-America Selections. A lovely new, single French Marigold 2 to 2 1/2 inches in diameter. In full bloom the dwarf plants, 12 inches tall and 16 inches across, are completely covered with bright golden yellow flowers attractively marked with mahogany at the base of the petals. Very showy. Excellent for borders. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.25.

PHLOX, GIGANTEA, MICHELL'S NEW BUFF QUEEN

A new shade in this popular Phlox. It is identical in type, habit of growth and size of bloom to Gigantea Art Shades and is free flowering and a continuous bloomer. The color is soft chamois or buff with a distinct eye. Pkt. 25c.; large pkt. 60c.

NEW RUFFLED PETUNIA, GARDEN GIANTS

Giants of California Type

The outstanding feature of this new variety is its satisfactory plant growth. The plants develop uniformly into well-rounded mounds 12 to 15 inches high, and all season are thickly covered with large ruffled flowers in a wide variety of color combinations, basically with red and white blotching. Because of its uniformity and continuous blooming it is by far the best variety of Giant Ruffled Petunias for borders we have ever seen. We feel sure it will rapidly become more and more popular. Pkt. 25c.; large pkt. 85c.

PETUNIA MULTIFLORA, PINK SENSATION

Honorable Mention, All-America Selections. This new upright Petunia is very symmetrical in habit. The plants are of compact growth. The flowers are 3/4 inch in diameter, produced in great abundance over a very long blooming season. The color is rose bengal, better described as a light rose-pink with deeper veining, and will not burn in the sun. Original pkts. only, 50c. each.

NEW PETUNIAS

Michell's Gay Lady. This novelty Petunia is a Michell introduction in a new type of Petunia which we feel will prove very pleasing to the American gardener. The plants are very compact and erect, growing 8 to 10 inches tall, and when in full bloom form a compact mat of color. The flowers are medium sized, well fringed and ruffled, and are borne in great profusion. The color-range is a combination of pink and white to red and white. A very bright and gay mixture. Splendid for borders and bedding or growing in pots. Pkt. 35c.; large pkt. \$1.00; extra large pkt. \$1.75.

Michell's Rosalind. The flowers of this new strain are very large and ruffled, in a brilliant rose shade. The deep throats are beautifully veined gold and white. Plants are of compact habit and very free flowering. Pkt. 25c.; large pkt. \$1.00.

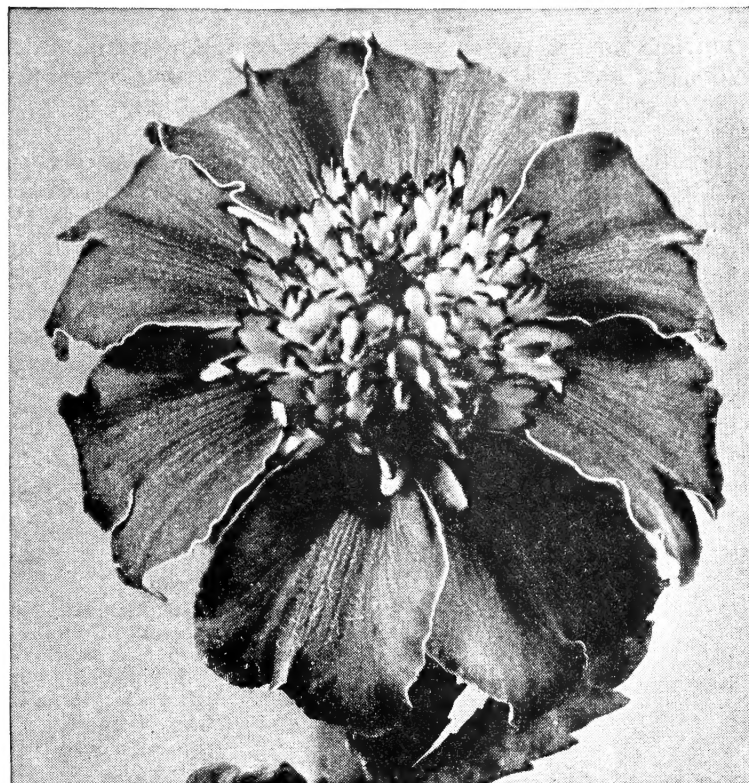
New Victory. An extra-dwarf, super-giant Single Petunia. Huge deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color-range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt. 35c.; large pkt. \$1.00.

New Dazzler. The brightest and most colorful Single Petunia yet introduced. Its large blooms are brilliant shades of orange and rosy scarlet, plain and semi-ruffled, gold and white-throated. Plants of dwarf compact habit. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

PORTULACA

Single Jewel

Flowers four times as large as the regular single, and of very unusual beauty. Color a brilliant deep rose-crimson. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$2.00.



Marigold, New Dwarf Single French, Red Head

SPRING-FLOWERING OR HOT-WEATHER SWEET PEAS

New Cuthbertson Strain

Now you can grow better Sweet Peas. More heat resistant. Huskier vine growth! Extra long stems! Sparkling colors! This new strain is excellent for outdoor planting. If seed is sown in March, the plants will remain in bloom during very hot weather, up until August. Strong tall growth, very free flowering; excellent for cutting. These new Sweet Peas are a "must" for every garden.

Coline. Vivid, intense scarlet.

Evelyn. Extra long stemmed; soft salmon-pink.

Frank G. Fine soft rosy lavender. Named for the originator of the new Cuthbertson strain.

Janet. Large frilled flowers of pure white are carried on long, heavy stems. Black seeded.

Jessie. Soft lilac-mauve; very rich coloring.

Lois. Pure rich rose-pink, huge flowers.

Tommy. A clear mid-blue; very beautiful.

Choice Mixed. A well-balanced mixture of the above colors.

Any of above, pkt. 25c.; 1/2oz. 50c.; oz. 90c.

NEW EARLY DWARF SPENCER SWEET PEA

Bo-Peep

A new dwarf type growing 18 inches high. The color of flowers is a rich salmon-pink, making a gorgeous show when planted in solid beds. Pkt. 25c.; 1/2oz. 40c.; oz. 75c.

VERBENA GRANDIFLORA, GIANT SALMON QUEEN

New Bush Type

Here is a new type of Verbena well worth featuring. Growth is more erect, making a broad, flat-topped, bushy plant about 8 to 10 inches high and 12 to 15 inches across. The flower-heads are large and well filled with broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8 to 10-inch straight stems and its attractive color make it very desirable for bouquets. Pkt. 25c.; large pkt. 75c.

VERBENA, DWARF UPRIGHT

MICHELL'S EXHIBITION. This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; 1/4oz. \$2.00.

Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES, See Pages 2 and 3

During our fifty-seven years of service to American garden lovers, we have always maintained a reputation for seed of superior quality. The success of our many customers in growing superior plants has strengthened our conviction that we shall supply only those varieties and strains of finest quality.

In the pages that follow, all of our Flower Seeds are arranged alphabetically. The annuals, biennials, and perennials are carefully marked so that those who are not familiar with the different kinds of plants will not be confused.

Annuals. These grow to maturity, bloom, ripen their seed, and die the same year. Asters, Poppies, Sweet Peas, Morning-Glories, and Zinnias are typical examples. Some of these Annuals are sown in a sunny window indoors, or in a hotbed or coldframe from March to May in order to get an early start. Seed of practically all Annuals can be sown in the open ground after danger of frost has passed.

Biennials. These are raised from seed started in early summer, flowering the second year, after which they die. Typical examples are Pansies, English Daisies, and Canterbury Bells.

Perennials. These plants live on from year to year, increasing in size and in beauty with age. Typical examples are Aquilegia, Delphinium, and Hardy Phlox. Many Perennials may be grown from seed, which is usually planted outdoors from June to September. The young plants may be carried over the first winter in a coldframe or they may be set in their permanent places in early autumn and given a light protective mulch the first season. Some Perennials are known as half-hardy and require winter protection each season, and those known as Tender Perennials require greenhouse protection over winter.

A complete index of Flower Seeds will be found on page 111. Varieties marked ★ are especially suitable for rock-gardens.



Ageratum, Midget Blue

ACHILLEA • Milfoil; Yarrow

Perennial.

Ptarmica, The Pearl. Pure white, double flowers. 2½ ft. Pkt. 10c.; large pkt. 75c.

AGERATUM • Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

Michell's Blue Boy. Extra dwarf, rich shade of Blue. Height 4 in. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

Midget Blue. *Silver Medal, All-America Selections.* A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers. Small pkt. 25c.; large pkt. 75c.

Blue Cap. Fine, dwarf, very compact variety. Flowers larger than Little Blue Star. Pkt. 15c.; large pkt. 75c.

★**Blue Ball.** Dwarf, ball-shaped plants. Very large blue flowers. 6 in. Pkt. 10c.; large pkt. 50c.

Blue Perfection. Large heads of deep blue flowers. 1 ft. Pkt. 10c.; large pkt. 30c.

Little Blue Star. Plants densely covered with bright blue flowers. 5 in. Pkt. 15c.; large pkt. 60c.

Mexicanum, Dwarf Mixed. Pkt. 10c.; large pkt. 25c.

ACROCLINIUM

See Everlasting Flowers, page 12.

ALYSSUM

Annuals. 4 to 9 in.

Violet Queen. New, dwarf, compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come true from seed. Pkt. 15c.; large pkt. 40c.; ¼ oz. 60c.

Lilac Queen. Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Little Gem. Plants dwarf, compact, densely covered with white flowers. 4 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00; ¼ lb. \$3.50.

★**Michell's Bouquet** (*A. procumbens*). Snowcloth; Carpet of Snow. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt. 10c.; large pkt. 40c.; oz. \$1.00.

Sweet (*A. maritimum*). Fragrant, white-flowering trailing variety. 6 in. Pkt. 10c.; large pkt. 25c.; oz. 60c.; ¼ lb. \$1.75.

Perennials. 12 in.

★**Rock-Garden Hybrids, Mixed.** A rare species, excellent for the rock-garden. Pkt. 25c.; large pkt. 75c.

★**Saxatile compactum.** Basket of Gold. An ideal plant with showy golden yellow flowers in May. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

★**Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt. 15c.; large pkt. 40c.; ¼ oz. \$1.00.

AMARANTHUS

Annuals.

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

Molten Fire. Summer Poinsettia. Extremely ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center poinsettia-red. Pkt. 25c.; large pkt. 60c.

Tricolor splendens. Joseph's Coat. Foliage green, variegated crimson and yellow. 2 ft. Pkt. 10c.; large pkt. 25c.

Mixed. Pkt. 10c.; large pkt. 25c.

ANCHUSA • Sea Bugloss

Annuals.

Blue Bird. Dwarf, compact grower. Flowers bright indigo-blue. Pkt. 10c.; large pkt. 25c.

Perennials. 1 to 4 ft.

Italica, Dropmore. Hardy plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt. 10c.; large pkt. 25c.

★**Myosotidiflora.** Small forget-me-not-like blue flowers. Fine for the rockery. 15 in. Pkt. 25c.; large pkt. 75c.

ANEMONE • Windflower

Hardy Perennials. 12 to 18 in.

Blooms are excellent for cutting.

Coronaria, St. Brigid. Semi-double; various colors. Pkt. 15c.; large pkt. 75c.

De Caen Hybrids. Choice mixed. Pkt. 15c.; large pkt. 60c.

ANTHEMIS • Hardy Marguerite

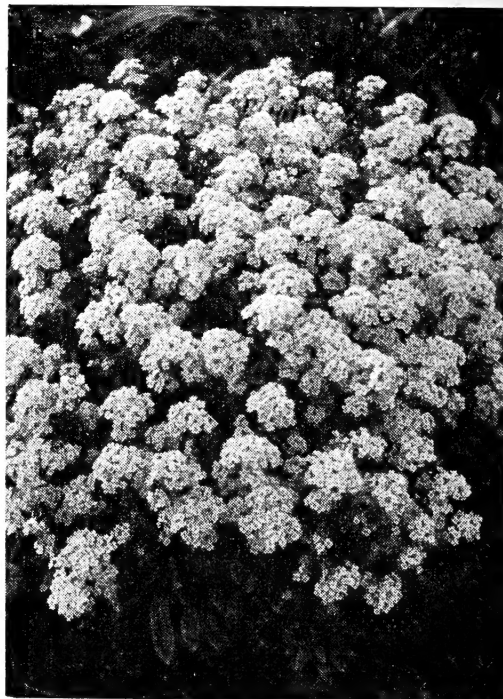
Hardy Perennial. 2 ft.

A handsome plant bearing daisy-like flowers all summer. Excellent for cutting.

Tinctoria Kelwayi. Bright yellow. Pkt. 10c.; large pkt. 30c.

ASTERS (See page 6)

SPECIAL NOTE. While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed-bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bonemeal. Asters should not be grown in the same location two years in succession.



Alyssum saxatile compactum

ALL PRICES SUBJECT
TO MARKET CHANGES



Antirrhinum, Magic Carpet

ANTIRRHINUM • Snapdragon

Rustproof Varieties

Annuals. 1 to 3 ft.

This strain has proved excellent under wet outdoor conditions and the flowers are better than 75 per cent rustproof.

Each plant produces from 15 to 18 spikes, which are non-lateral, with flower heads 10 to 14 inches long.

New Giant Ruffled (Tetra). Largest flowered of all Snapdragons. Individual florets are huge—1¾ to 2¼ inches wide. Many distinctly and attractively ruffled. The color-range contains all the variations of bright orange, pink, red, yellow, scarlet, and white. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower-spikes. Pkt. 25c.; large pkt. 75c.

Velvet Giant. *Bronze Medal, All-America Selection.* The large fringed flowers have a pronounced velvety texture; deep crimson illumined with undertone of orange-bronze. Plants are base branching, 2½ feet tall, with 6 to 12 spikes to a plant. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75.

Michell's New Cherry Queen, Maximum Grandiflorum Type. Rust-resistant. Our new introduction is a fine giant Snapdragon. The color is a brilliant cerise-rose, a very bright shade under artificial light. The plant habit is compact and produces many giant upright spikes with large individual florets. This is an excellent variety for the cutting garden. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

Magic Carpet. Very dwarf, free-flowering strain suitable for rockery or borders. A choice mixture of many colors. Pkt. 25c.; large pkt. 60c.

Tom Thumb. Dwarf, upright habit; height 1 foot. Choice mixed colors. Pkt. 15c.; large pkt. 60c.

New Super Majestic

This new group is superb as a cut-flower or for bedding.

Crimson Shades. Garnet and ruby shades.

Dainty. Delightful soft pink.

Orange Shades. Orange and gold shades.

Pink Jewel. Huge waved Spencer type. Bright pink flowers; an excellent type.

Rose Sensation. A beautiful rich rose-pink. The flowers are huge, both tube and flower being one solid color.

Super Majestic Mixture.

Any of the New Super Majestics, pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25

Maximum Rustproof Varieties

Campfire. Luminous scarlet, free from orange or bluish tinges.

Canary Bird. Brilliant canary-yellow flowers very closely spaced on the stem.

Crimson. Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson.

Daffodil. Two-tone daffodil-yellow.

Indian Summer. Coppery orange and scarlet.

Loveliness. A most attractive pure, soft rose-pink.

Reveille. The color is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon-yellow.

Rosalie. *All-America.* Rich deep rose with an underlying tone of topaz or amber.

Shasta. Color pure white. Very early and free flowering.

Yellow Giant. Striking deep yellow.

University of California Mixture. *All-America Winner.* A combination of colors, the result of extensive crosses.

Any of above, pkt. 15c.; large pkt. 60c.
¼oz. \$1.00

Semi-Dwarf, Rustproof Varieties Michell's Exclusive Introductions

This popular group comprises the following five separate colors and mixture. The plant habit is very dwarf, compact and free flowering; exceptionally fine for pots or bedding.

Appleblossom. Beautiful appleblossom-pink shade.

Dandy. Flowers are glowing orange with white tube. Brilliant shade.

Princess. Bright salmon-rose.

White Gem. Pure white.

Yellow Gem. Clear golden yellow.

Choice Mixture. Blended from the above colors. Separate colors and mixture, pkt. 25c.; large pkt. 75c.

Nanum Grandiflorum

Rustproof

Red Boy. Bright carmine-rose and yellow. Pkt. 15c.; large pkt. 60c.

Mixed. A superior mixture. Pkt. 15c.; large pkt. 50c.

Special forcing Varieties for Greenhouse Culture

Afterglow. Golden bronze. Large pkt. only, \$1.25.

Ceylon Court. Canary-yellow. Large pkt. only, 85c.

Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

Coates' Yellow Perfection. Fine, deep yellow. Medium early. Large pkt. only, 85c.

Lucky Strike. *New.* The best large-flowering white to date. Large pkt. only, 85c.

Rose Queen. Dark pink. Large pkt. only, 85c.

Special Forcing, Mixed. Pkt. 25c.; large pkt. \$1.00.

Michell's Giant-Tall Antirrhinum

These are not rustproof.

2½ to 3 ft.

Flowers very large, produced on long spikes and invaluable for cutting.

Giant Mixed. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

ARABIS • Rock-Cress

Hardy Perennials.

8 to 12 in.

***Alpina.** Dwarf, spring-flowering; for edging and rockery. Flowers pure white. 1 ft. Pkt. 10c.; large pkt. 60c.

***Alpina rosea.** Bright rose flowers. Very dwarf. 8 in. Pkt. 25c.; large pkt. 75c.

ARCTOTIS • African Daisy

Annual.

3 ft.

Grandis. Large, daisy-like flowers; pure white on upper surface, reverse petals lilac. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

ASPARAGUS

Plumosus nanus. An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt. 10c.; 100 seeds, 50c.

Sprengeri. One of the best plants to grow in hanging-baskets or window-boxes, vases, etc. Pkt. 10c.; 100 seeds, 50c.

ALL PRICES SUBJECT TO MARKET CHANGES



Arabis alpina

Michell's Superb Asters

Early Giant

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 feet tall with branches coming low on the central spike, with practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

Light Blue.

Peachblossom. Opens white, flushes pink.

Rose Marie. Rich lively shade of rose.

Early Giant Mixed. Above three varieties.

Any of above, pkt. 25c.; large pkt. 60c.

American Beauty Asters

Similar in type of flower and growth to the well-known Late Branching Asters, but on much longer and heavier stems.

Azure Fairy **Purple**
Carmine-Rose **Shell-Pink**
Crimson **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

COLLECTION

One pkt. each of above 6 colors, 65c.

Heart of France

Ruby Red. Pkt. 15c.; large pkt. 60c.

Early Royal Branching Asters

Fusarium-Wilt Resistant Strains

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching but blooming in July or early August.

Azure-Blue **Purple**
Lavender **Rose-Pink**
Peach Blossom **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

COLLECTION

One pkt. each of above 6 colors, 65c.

Crego's Giant Comet Asters

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

Blue Flame. Bright navy-blue.
Crimson **Shell-Pink**
Deep Rose **Violet**
Lavender **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

COLLECTION

One pkt. each of above 6 colors, 65c.

Michell's Improved Semple's American Branching Asters

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection.

Azure-Blue **Peerless Pink**
Crimson **Purple**
Deep Rose **Shell-Pink**
Lavender **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

COLLECTION

One pkt. each of 6 colors, our selection, 65c.

Improved Queen of the Market Asters

Very desirable on account of its earliness and the freedom with which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

Crimson.

Dark Blue. Purple.

Light Blue. Lavender.

Peach Blossom. Blush-pink.

Rose-Pink.

White.

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

COLLECTION

One pkt. each of above 6 colors, 65c.

Single California Rainbow Aster

A tall single wilt-resistant Aster which is excellent for cutting. This rainbow mixture is a choice blend of colors. Pkt. 25c.; large pkt. 50c.

Asters, Regular Strains

Not Wilt-Resistant

California Giant Asters

The large flowers are of the Crego type, with the habit and long stems of the Beauty type. Their immense size and beauty, as well as their long stems, make them very attractive.

Dark Purple
Deep Rose
Peach Blossom

White
Mixed Colors

Any of above, pkt. 15c.; large pkt. 60c.

Single Giant California Sunshine Asters

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

Mixed. Pkt. 25c.; large pkt. 60c.

Two Novelty Super Giant Asters

Giants of California, late type, the largest yet introduced. Very artistic, due to the unusual curling and interlacing of the petals.

El Monte. A deep, glowing crimson. Flowers are large and fluffy. Very early. Pkt. 20c.; large pkt. 75c.

Los Angeles. Pure shell-pink. Stems unusually long. Pkt. 15c.; large pkt. 75c.

ASTER ALPINUS

Perennial. 10 in.

Mixed. Dwarf rock-plant. Pkt. 15c.; large pkt. 75c.

AUBRIETA • Rainbow Rock-Cress

Perennial. 6 in.

***New Large-flowering Hybrids.** Mixed. Pkt. 15c.; large pkt. 75c.

AURICULA • Primula Auricula

Hardy Perennial. 6 in.

***Choice Mixed.** Flowers in many beautiful colors. Pkt. 10c.; large pkt. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES



Aster, Early Giant

Novelty Fusarium-Wilt Resistant Strains

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

Wilt-Resistant Queen of the Market, Ballet Queen. Good news for Aster growers! This Queen is very definitely wilt resistant, and a fascinating shade of deep salmon-rose that attracts attention immediately. It bears 3½-inch flowers generously, on plants useful for both bedding and cutting. Pkt. 25c.; large pkt. 75c.

Princess

A very attractive cutting type of wilt-resistant Aster, 2 to 2½ feet tall, branching and free flowering. Early blooming, bearing quantities of 3 to 3½-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals.

Anne. Peach-blossom-pink.

Barbara. Orchid.

Bonny. Soft salmon-rose.

Golden Sheaf. The deepest yellow Aster yet introduced. Fully double. Pkt. 15c.; large pkt. 75c.

Mixed. Finest mixed.

Any of above, except where noted, pkt. 25c.; large pkt. 75c.

Victory Giants Mixed. Honorable Mention, All-America Selections. A splendid extra-early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. Really a well-balanced mixture without reds. A splendid type for bedding and cut-flowers. Small pkt. 25c.; large pkt. 75c.

Don't overlook Columbines for your border



Aquilegia, clematiflora

AQUILEGIA • Columbine

Hardy Perennials. 2 to 3 ft.

These are among the most beautiful of spring and early summer flowers. Very effective in the herbaceous border and among shrubbery. Graceful spurred flowers above the fernlike foliage.

Four Beautiful New Aquilegias

Clematiflora, Choice Mixed. *New.* Spurless Columbine with beautiful open flowers like clematis. Contains all colors with the exception of deep red. Pkt. 25c.

Copper Queen. Lovely deep copper, with long spurs of deeper blue. Pkt. 25c.; large pkt. 75c.

Crimson Star. Crimson and white. Pkt. 25c.; large pkt. 75c.

Longissima. The most beautiful Long-spurred Aquilegia. The flowers are of striking formation, with deep yellow petals, paler yellow sepals and spurs 4 to 5 inches or more in length. Pkt. 25c.; large pkt. \$1.00.

COLLECTION

One pkt. each of above 4 varieties, 80c.

Select Long-Spurred Aquilegias

The finest types. The free-flowering plants are of strong, robust growth.

Blue Shades

Orange and Scarlet Shades

Pink and Rose Shades

Snow Queen.

Pure white.

Mrs. Scott Elliott's Select Strain.

Choice mixed.

Any of the above, pkt. 25c.; large pkt. 75c.

Hybrids. Mixed colors. Pkt. 10c.; large pkt. 60c.

Standard Varieties

★**Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt. 10c.; large pkt. 50c.

Cerulea. Rocky Mountain Columbine. Large, violet-blue and white flowers. Pkt. 10c.; large pkt. 50c.

Californica hybrida, Mixed. Principally yellow and orange shades. Long spurs. Pkt. 10c.; large pkt. 50c.

Canadensis. The scarlet and yellow native species. Pkt. 10c.; large pkt. 50c.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Single, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

BABY'S BREATH

See Gypsophila, page 13.

BACHELOR'S BUTTON

See Centaurea and Gomphrena, pages 9, 12.

BAILEYA MULTIRADIATA

Desert Sun Ray

Annual. 1 ft.

Grayish green foliage. Flowers are handsome and daisy-like, 1½ inches across, composed of many bright yellow rays. Excellent as a cut-flower, and fine for dry locations. Pkt. 25c.; large pkt. 60c.

BALLOON VINE • Love-in-a-Puff

Annual. 10 to 15 ft.

A rapid-growing climber with white flowers, followed by inflated seed-pods. Pkt. 10c.; oz. 25c.

DOUBLE BALSAM

Lady's Slipper

Annuals. 2 ft.

An old and popular garden flower of easy culture. Gorgeous masses of brilliantly colored, double flowers.

Camellia-flowered, Choicest Mixed. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Double Bush Flowered. Choice mixed. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.25.

BAPTISIA • False Indigo

Perennial. 3 ft.

Australis. A strong-growing plant. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers. June and July. Pkt. 10c.; large pkt. 50c.

BLUE LACE FLOWER

See Didiscus, page 11.

BEGONIA GRACILIS

12 in.

One of the finest outdoor flowering Begonias.

Carmen. Bright pink. Bronze foliage. Pkt. 35c.; large pkt. \$1.25.

Indian Maid. Bright, deep scarlet flowers and dark bronze foliage. Pkt. 25c.; large pkt. \$1.25.

Prima Donna. Rose, shading to carmine. Pkt. 25c.; large pkt. \$1.25.

White Pearl. Lovely white variety. Pkt. 25c.; large pkt. \$1.25.

BEGONIA SEMPERFLORENS

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot-plants for winter flowering, they are superb.

Darling. Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-rose. Most effective for beds and borders. Pkt. 35c.; large pkt. \$1.00.

Christmas Cheer. Flowers bright crimson-scarlet and produced in immense quantities; fine for Christmas forcing. Pkt. 25c.; large pkt. \$1.25.

Choice Mixed. All colors. Pkt. 25c.; large pkt. \$1.25.

BEGONIA, TUBEROUS-ROOTED

Tender Perennials.

These are very popular because they are of easy culture and extremely showy. Thrive in semi-shady situations.

Single, Choice Mixed. Pkt. 35c.; large pkt. \$1.75.

Double, Choice Mixed. Pkt. 50c.; large pkt. \$1.75.

BEAN, RUNNER

10 to 15 ft.

Scarlet. A rapid climber, flowering profusely. Pkt. 10c.; ½ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

BRACHYCOME

Annual. 12 in.

Choice Mixed. Swan River Daisy. Free-flowering, dwarf-growing; covered during the greater part of the summer with a profusion of dainty flowers. Pkt. 10c.; large pkt. 25c.

BROWALLIA

Annuals. 1½ ft.

A favorite bedding plant, producing beautiful flowers during the summer and autumn months. Blooms well in winter if the plants are lifted in the autumn and cut back.

Elata caerulea. Large, sky-blue flowers. Pkt. 10c.; large pkt. 30c.

Viscosa compacta, Sapphire. Large, dark blue flowers with white eyes. Pkt. 20c.; large pkt. 75c.

CACTUS

All Kinds, Mixed. Growing Cacti from seed is easy and interesting. Seed germinates irregularly over a period of 14 to 40 days. Pkt. 25c.; large pkt. 75c.

CALCEOLARIA

Heights vary.

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocketbook-like flowers.

Michell's Ramona. This is a *Hybrida grandiflora nana* type. It is exceptionally free flowering, of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of color in bronze, yellow, and red. Pkt. 50c.; large pkt. \$1.25.

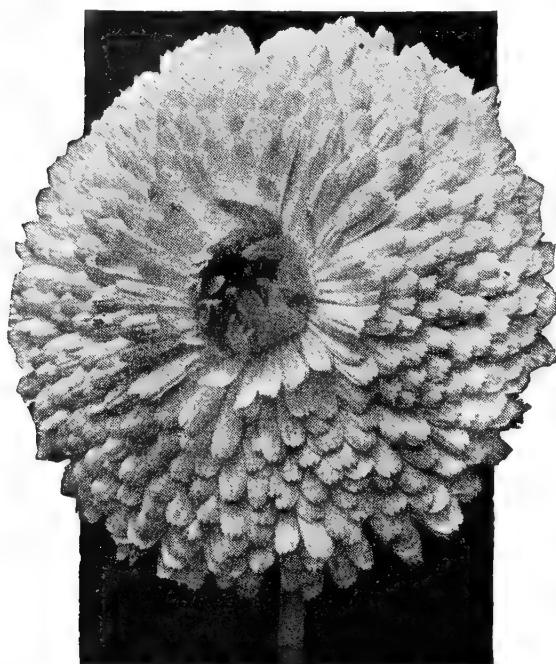
Albert Kent Hybrids. A fine English variety for either greenhouse or outdoor culture. Flowers medium size in large, graceful clusters in an excellent mixture. Pkt. 50c.; large pkt. 85c.

Hybrida grandiflora pumila compacta. Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt. 25c.; large pkt. 85c.



Balsam, Double Bush Flowered

Plant Carnations for clean fragrance



Calendula, Sunbeams

CALENDULA - Pot Marigolds

Hardy Annuals. 12 to 18 in.

Free-flowering and easily grown.

Pacific Beauties. A new strain with very large flowers on long, upright stems. The colors range from pale lemon-yellow-buff to deep orange, making the flowers very attractive. Excellent for cutting. Splendid mixture. Pkt. 25c.; large pkt. 60c.

Sunbeams. *Michell Novelty.* An exquisite blending of many delightful shades and color combinations, from pale cream to deep orange. Flowers are of various types and forms, excellent for cutting. Pkt. 25c.; large pkt. 60c.; 1/4 oz. \$1.00.

Orange Shaggy. *All-America Winner.* A distinct break in Calendulas. Petals long and distinctly fringed or lacinated; color, deep orange, shading to slightly lighter orange in center of blooms. Stems long. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Campfire (Sensation). Fine orange variety, with a scarlet sheen and full yellow center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Chrysantha (Sunshine). *All-America Winner.* The large, double, clear buttercup-yellow flowers bear a striking resemblance to a chrysanthemum. Long stems. Pkt. 15c.; large pkt. 30c.; oz. \$1.00.

Michell's Special Forcing, Orange. Pkt. 15c.; large pkt. 50c.; oz. \$1.25.

Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Ball Orange. Bright, glowing orange. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Lemon King. Lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Orange King. Rich dark orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Mixed Colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

CAMPANULA

Annual Single Variety. 2 to 2 1/2 ft.

New varieties which bloom from seed in less than six months. Each plant produces from 6 to 8 spikes of bloom.

Choice Mixture. Single. Blue, pink, and white shades. Pkt. 15c.; large pkt. 25c.

CAMPANULA MEDIUM

Canterbury Bells

Hardy Biennials. 3 ft.

Showy with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. They flower the following summer, after which they die.

Single Blue **Single White**
Single Pink **Single Mixed**

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.00

CAMPANULA MEDIUM CALYCANTHEMA

Cup-and-Saucer Canterbury Bells

These produce beautiful, large, single flowers resembling a cup and saucer.

Blue **Pink**
Lilac **White**
Mixed.

Any of above, pkt. 10c.; large pkt. 50c.; 1/4 oz. 60c.

Double Mixed. Pkt. 10c.; large pkt. 40c.

MISCELLANEOUS CAMPANULAS

The taller sorts are splendid for cut-flowers and most decorative; the dwarf sorts make excellent border plants.

***Carpatica, Blue.** Dwarf; 6 in. Pkt. 10c.; large pkt. 40c.

***Carpatica, White.** Dwarf; 6 in. Pkt. 10c.; large pkt. 40c.

Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers. Pkt. 15c.; large pkt. 60c.

Persicifolia, Telham Beauty. Large China Blue bells. 2 1/2 ft. Pkt. 35c.; large pkt. \$1.00.

Persicifolia grandiflora alba. White. Pkt. 15c.; large pkt. 60c.

Pyramidalis, Mixed. Chimney Bellflower. 5 ft. Pkt. 10c.; large pkt. 40c.

CALLIOPSIS

Annuals. 12 to 24 in.

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

Golden Crest. Color rich orange-yellow or gold with brown center. Many of the flowers have a double row of petals. Free flowering, with stems 1 foot long. Excellent for cutting, and has a pleasing fragrance. Pkt. 15c.; large pkt. 30c.; oz. 90c.

Tall Varieties, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Dwarf Varieties, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

CARNATION

Annual Varieties.

These are general favorites for their richness of color and delightful fragrance.

Michell's Marguerite, Giant-Flowering, All-Double, Mixed. This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

GIANT ENFANT DE NICE. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2 1/2 to 3 inches in diameter.

Red. Blood-red.

Rose. Deep rose.

Salmon. Light.

White.

Mixed.

Any of above, pkt. 25c.; large pkt. 75c.

Rasse Teicher Strain, Mixed. A new European variety, producing large blooms in a fine range of colors. Choice mixture. Pkt. 25c.; large pkt. \$1.00.

Chabaud's Giant

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

Jeanne Dionis. Pure white.

Marie Chabaud. Yellow.

Sparkler. Brilliant cardinal-red.

The Pearl. Beautiful rose-pink.

Choice Mixed.

Any of above, pkt. 15c.; large pkt. 60c.

Marguerite Carnations

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

CARNATIONS

Perennial Varieties.

GRENADIN. The Grenadin Carnation is an excellent early-blooming, large-flowering type. Fine for cut-flowers.

Black King. A fine dark red.

Cardinal. Brilliant scarlet.

Triumph Pink. Pure rose-pink.

White. Snow-white.

White Gold. Soft yellow.

Mixed.

Any of above, pkt. 25c.; large pkt. 75c.

CANDYTUFT - Iberis

Hardy Annuals. 6 to 18 in.

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within 8 weeks after sowing.

Carmine. Pkt. 10c.; large pkt. 25c.; oz. 65c.

Crimson. Pkt. 10c.; large pkt. 25c.; oz. 65c.

Empress (Hyacinth-Flowered). An excellent variety. Long trusses of white flowers. Pkt. 10c.; large pkt. 25c.; oz. 65c.

Lavender. Pkt. 10c.; large pkt. 25c.; oz. 65c.

Michell's Giant White. Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot culture. Pkt. 10c.; large pkt. 30c.; oz. \$1.10.

Pink. Pkt. 10c.; large pkt. 25c.; oz. 65c.

Purple. Deep rich purple. Pkt. 10c.; large pkt. 25c.; oz. 65c.

Rose-Cardinal. Rosy red. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Choice Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.; 1/4 lb. \$2.25.

***Gibraltarica.** Perennial. Flowers lilac, shading to white. Pkt. 10c.; large pkt. 40c.

***Sempervirens.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt. 10c.; large pkt. 60c.

ALL PRICES SUBJECT TO MARKET CHANGES

CANARY BIRD VINE

Tropaeolum canariense

Annual. 10 to 15 ft.

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

CASTER-OIL BEAN

See *Ricinus*, page 21.

CARDINAL CLIMBER

Quamoclit hybrida Sloteri

Annual. 20 to 30 ft.

A rapid grower and free bloomer. Leaves dark green and deeply lacinated. Bears a profusion of fiery cardinal-red flowers. Pkt. 10c.; large pkt. 40c.; ¼ oz. \$1.25.

CERASTIUM - Snow-in-Summer

Hardy Perennial. 6 in.

★**Tomentosum.** Dwarf, white-leaved edging plant with white flowers. Pkt. 10c.; large pkt. 40c.

CENTAUREA CYANUS

Cornflower, Bachelor's Button

Annuals. 2 ft.

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite. Excellent for cutting.

MICHELL'S SUPER-GIANT STRAIN. This super strain is the last word in giant double Cornflowers.

Michell's Blue Bonnet. Improved Blue Boy. A superior strain with large, deep blue, very double flowers. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Blue Boy. Deep cornflower-blue.

Pinkie. Clear deep pink.

Red Boy. The best deep red.

Snowman. Pure white.

Choice Mixture.

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

Jubilee Gem. This new dwarf type is very free flowering. Fine for pots or borders. Pkt. 15c.; large pkt. 50c.; oz. \$1.75.

CENTAUREA IMPERIALIS

Giant Cornflower, Sweet Sultan

Annuals. 2 to 3 ft.

The finest of all Sweet Sultans for cut-flower purposes. Gigantic, beautiful, sweet-scented flowers borne on long stems.

Lavender Beauty. Large flowers, 3 to 3½ inches across. Easily grown; excellent for cutting. Pkt. 15c.; large pkt. 25c.

Deep Rose

White

Lavender

Yellow (*Suaveolens*)

Purple

Choice Mixed

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.00

WHITE-LEAVED CENTAUREA

Dusty Miller

Grown for their silvery foliage and used as edging plants and in hanging-baskets.

Candidissima. Broad cut leaves of silvery gray. Pkt. 10c.; large pkt. 50c.

Gymnocarpa. Fine cut silvery gray foliage. Pkt. 10c.; large pkt. 25c.

VARIOUS CENTAUREAS

Americana. Handsome annual; large, thistle-like blooms of rosy lavender. 3 ft. Pkt. 10c.; large pkt. 25c.

Americana alba. Pure white. Pkt. 10c.; large pkt. 25c.

Montana. Perennial. Large; cornflower-blue. Pkt. 10c.; large pkt. 40c.

CHEIRANTHUS

Annual. 18 in.

★**Allioni.** Siberian Wallflower. Orange flowers. Pkt. 10c.; large pkt. 25c.

CELOSIA CRISTATA

Crested Cockscomb

Annuals. 2 to 3 ft.

Very desirable annuals of easy culture, producing large, brilliant, comblike heads.

Gilbert's Maple Gold. This new type grows 2 to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shape cluster head that varies in size from small to 10 inches in diameter. The maple-pink heads vary in color from light to dark pink tipped with gold. Excellent for cutting and can be dried for winter bouquets. Pkt. 25c.; large pkt. 75c.

Royal Velvet. All-America Winner. Early-blooming, basal-branching Cockscomb type. Extra-large center head of rich ruby-red with velvety texture, surrounded by numerous erect branches mounted with medium-sized combs. Plants are 2 feet high, excellent for cutting. Pkt. 25c.; large pkt. 75c.

Giant Empress. Dwarf. Rich crimson. Pkt. 10c.; large pkt. 50c.

Choice Mixed. Dwarf varieties. Pkt. 10c.; large pkt. 40c.; ¼ oz. 85c.

CELOSIA PLUMOSA

Feathered Cockscomb

Annuals. 2 ft.

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

Fiery Feather (Lilliput). Ostrich Plume Cockscomb. Extra select dwarf strain; brilliant orange-red, fine for pots. Pkt. 25c.; large pkt. 75c.

Golden Feather (Lilliput). Ostrich Plume Cockscomb. Same type as above, with bright golden yellow flowers. Pkt. 25c.; large pkt. 75c.

Golden Plume. Bright golden yellow plumes. Pkt. 10c.; large pkt. 40c.

Heatherdell. New Ostrich Plume Cockscomb. A fine variety with great trusses of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Specially adapted for pot culture. Pkt. 25c.; large pkt. 75c.

Pride of Castle Gould, Mixed. Immense flower-heads that closely resemble ostrich plumes. Choice mixed. Pkt. 15c.; large pkt. 60c.

Scarlet Plume. Pkt. 10c.; large pkt. 40c.

Choicest Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

CHINESE WOOLFLOWER

Celosia Childsi

Annuals. 2½ ft.

Very effective for beds and borders. Ball-shaped flowers, resembling silky wool.

Crimson. **Pink.**

Choice Mixed.

Any of above, pkt. 10c.; large pkt. 50c.

CINERARIA

1 to 3 ft.

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains cannot be surpassed.

Cremer's Prize Strain Wilt-Resistant

This excellent new strain is the result of a cross between *Multiflora nana*, *Hybrida grandiflora*, and *Stellata*. The flowers are larger than *Multiflora*. Plants very compact in habit, with small leaves. Choice mixed colors. Original large pkts. only, \$2.00 each.

Multiflora Grandiflora Maxima

Flowers measure 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt. 50c.; large pkt. 85c.

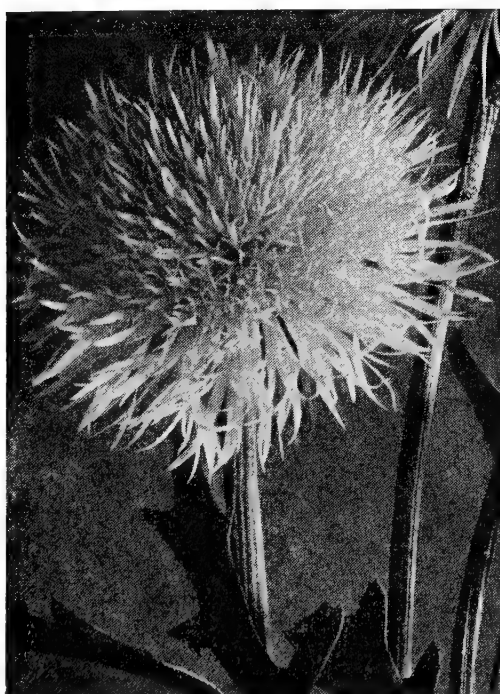
Multiflora Nana Berlin Market Strain

Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades.

Mixed Colors. Pkt. 50c.; large pkt. 85c.

White-Leaved Cineraria Dusty Miller

Maritima candidissima. Silvery green, lacinated foliage. Good for edging. Pkt. 10c.; large pkt. 25c.



Centaurea imperialis

ALL PRICES SUBJECT TO MARKET CHANGES

For cut-flowers plant *Coreopsis*

CHRYSANTHEMUMS

Annuals. 1½ ft.

Exquisitely colored, daisy-like flowers.

Carinatum, Merry Mixture. An improved mixture of the single annual Painted Daisy in a wider choice of bright colors. Produces quantities of flowers on good cutting stems.

Single, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Perennials.

Korean Hybrids. Single and semi-double type in a fine color-range. Excellent for cutting. Pkt. 25c.; large pkt. \$1.25.

Old Orchard Glories. This blend is based on a cross of Hybrid Koreans and Azalea-mums. While the flowers are single, many of them will be near doubles. This mixture contains all of the delightful autumn shadings, including many pinks. Seed sown outdoors in early spring will flower the same season. Pkt. 25c.; large pkt. \$1.00.

Shasta Daisy, Alaska. Extra-large flowers of pure glistening white. 2 ft. Pkt. 10c.; large pkt. 40c.

Shasta Daisy, Conqueror. Giant, single, pure white flowers. Pkt. 10c.; large pkt. 40c.

Shasta Daisy, New Giant Double White. *Novelty.* Fine for cutting. Flowers extra large. Pkt. 25c.; large pkt. 75c.

CLARKIA ELEGANS

Annuals. 18 in.

Popular; of easy culture and much used for cutting, both indoors and out.

Double, Salmon Queen. Brilliant salmon.

Double, Scarlet Queen. Fiery scarlet.

Double, White Prince. White.

Any of above, pkt. 10c.; large pkt. 40c.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

CLEOME • Spiderflower

Hardy Annual. 3 to 4 ft.

Giant Pink Queen. *Silver Medal, All-America Selection.* Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is easily grown from seed planted directly in the border or garden. It blooms abundantly from midsummer to late fall. Pkt. 25c.; large pkt. 75c.

COBAEA SCANDENS

Cup-and-Saucer Vine

Annual. 30 to 50 ft.

Well-known climber of rapid growth, producing large, bell-shaped blooms. In sowing, place the seeds edgewise and merely cover with light soil.

Purple. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

COCKSCOMB

See Celosia, page 9.

COLEUS, LARGE-LEAVED VARIETIES

1 to 3 ft.

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

Glory of Vichy. A beautiful mixture of apricot, bronze, pink and cream shades. A really fine strain with splendid form. Pkt. 35c.; large pkt. \$1.25; ½oz. \$5.50.

Rainbow Mixed. An excellent mixture. Pkt. 35c.; large pkt. \$1.00; ½oz. \$4.00.

Choice Mixture. Pkt. 25c.; large pkt. 75c.; ½oz. \$2.50.

ALL PRICES SUBJECT TO MARKET CHANGES

CONVOLVULUS • Morning-Glory

Annuals. 6 in. to 10 ft.

Dwarf Royal Ensign. Deep, bright ultramarine-blue. The deepest and brightest color of all blue annuals. Used for edging borders. 6 in. Pkt. 15c.; large pkt. 40c.; ¼oz. \$1.00.

Imperial. Tall or climbing. Flowers of immense size and of a great variety of colors. Pkt. 10c.; oz. 25c.

COREOPSIS

Hardy Perennials. 3 ft.

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

Lanceolata grandiflora. Single golden yellow flowers of graceful form. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Lanceolata grandiflora fl.-pl. Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Mayfield Giant. Extra-large flowers. Plants tall and of vigorous growth. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

COSMOS

Hardy Annuals. 2½ to 6 ft.

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

Radiance, (Bodger). *New, Silver Medal, All-America Selections.* Top award winner for 1948. A striking color combination never before seen in Sensation Cosmos: deep rose petals overlaid with a large, well-defined zone of rich crimson, the first bicolor Cosmos ever to be developed. Destined for immediate popularity in the nation's gardens, it is first postwar novelty. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.50.

Yellow Flare. *Silver Medal, All-America Selections.* Similar to the original Orange Flare, except in color, which is a very rich golden yellow. A striking plant for the garden, growing 3 to 4 feet tall. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

Semi-Double, Orange Ruffles. A semi-double form of the ever-popular Orange Flare. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Plants are from ten days to two weeks earlier blooming than Orange Flare. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

Double Early Sensation, Mixed. Flowers are equally as large as the regular single Sensation. Two types—fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a camellia. Available in mixture only of White, Pink, and Crimson. Pkt. 25c.; large pkt. 60c.

Giant Single Sensation

6 ft.

A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing.

Cardinal. New crimson color.

Pinkie. Light pink.

Purity. Pure white.

Any of above, pkt. 15c.; large pkt. 50c.

Mixed. Pkt. 15c.; large pkt. 40c.; ½oz. 75c.

Double Early-Flowering

This new early-flowering strain will begin blooming in July and continue until frost.

Mixed. Pkt. 25c.; large pkt. 50c.

Single Orange Flare

In full bloom in less than four months from sowing. Color, vivid orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Double Late-Flowering Crested

These are becoming more popular each season. Excellent for cutting.

Mixed. Pkt. 15c.; large pkt. 50c.

Large Early-Flowering

4 ft.

Crimson Pink White

Any of above, pkt. 10c.; large pkt. 25c.; oz. 90c.

Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Single Late-Flowering

5 to 6 ft.

Large flowers of perfect form on long stems and lasting until frost.

Giant Crimson

Giant Pink (Lady Lenox)

Giant White (White Lady)

Giant Mixed

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

CYCLAMEN

Attractive winter plant for the window and greenhouse. The flowers are beautiful and the foliage is ornamental.

Michell's Giant Show, Mixed. Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt. 40c.; 100 seeds \$2.50.



Chrysanthemum, Old Orchard Glories

Delphiniums command the hardy border



Dahlias, Unwin's Dwarf Hybrids, Mixed

CYNOGLOSSUM

Chinese Forget-me-not

Annuals. 15 to 24 in.

Firmament. All-America Winner. New, dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Excellent as a cut-flower. Pkt. 25c.; large pkt. 40c.

Amabile. Of easy culture, producing sprays of intense blue, forget-me-not-like flowers which are very fragrant. 2 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

CYPRESS VINE

Ipomoea Quamoclit

Annual. 15 ft.

Mixed. A very graceful, twining, annual climber, with delicate fernlike foliage. Seed should be soaked for a few hours in warm water before sowing. Pkt. 10c.; large pkt. 40c.; 1/4 oz. \$1.00.

DAISY, DOUBLE ENGLISH

Bellis perennis

Biennials. 6 in.

The *Monstrosa* varieties surpass all other strains in their strong, robust growth and extra-large, double flowers.

★ **Monstrosa, Crimson Ball.**

★ **Monstrosa, Pink.**

★ **Monstrosa, White**

★ **Monstrosa, Mixed**

Any of above, pkt. 25c.; large pkt. 75c.

Double Mixed. A fine mixture. Pkt. 10c.; large pkt. 60c.

DAISY, DAHLBERG

Annuals. 8 in.

A dwarf, compact edging plant, producing a profusion of small golden yellow flowers continuously from late spring until frozen in the fall. Pkt. 25c.; large pkt. 75c.

DATURA • Angel's Trumpet

Annual.

Wrightii. Giant trumpets that open soft rose-lavender, gradually becoming white. Free flowering. Pkt. 10c.; large pkt. 40c.

DELPHINIUM

Hardy Larkspur

Hardy Perennials. 3 to 6 ft.

One of the finest hardy perennials. Distinction and charm are added to your garden by Delphiniums. Their huge spikes form a perfect background for lower-grown plants and they are equally effective in beds, masses, or borders. They have a stateliness and beauty all their own.

New Giant Pacific Hybrids

This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the originator's stock seed only.

Black Knight Series. Darkest of them all.

Blue Bird. Medium blue, white bee.

Bluejay Series. True blue.

Cameliard Series. Pure lavender self tone with white bee.

Galahad Series. Pure white.

Guinevere Series. Light pink-lavender.

King Arthur Series. Royal purple.

Round Table Series. Various color combinations.

Summer Skies Series. Clear light blue.

White Majesty.

Any of above, pkt. 50c.; large pkt. \$1.75

Dark Blue Shades.

Light Blue Shades.

Pastel Shades.

Mixed.

Any of above, pkt. 50c.; large pkt. \$1.50

Blackmore & Langdon's Imported Strain, Mixed. A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt. 25c.; large pkt. 75c.

English Hollyhock, Watkin Samuels' Wrexham Strain, Selected Mixture. Immense spikes. The finest large-flowered type to date. Pkt. 50c.; large pkt. 75c.; 1/2 oz. \$1.00.

Belladonna, Lamartine. Deep bright marine-blue with white eye. Outstanding for color and cut-flower habit. Pkt. 25c.; large pkt. 75c.

Belladonna, Improved. One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt. 25c.; large pkt. 60c.

Bellamosum, Improved. A rich, deep blue form of the popular light blue Belladonna. Pkt. 25c.; large pkt. 60c.

Cardinale. Very large, scarlet flowers. 3 to 4 ft. (Seed of slow germination.) Pkt. 25c.; large pkt. 60c.

Gold Medal Hybrids, Mixed. Produces long spikes of large flowers. An extra-fine strain containing many shades of blue. Pkt. 10c.; large pkt. 50c.; oz. \$2.50.

DELPHINIUM

Annuals.

Blue Butterfly. Exquisite deep blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

Cambridge Blue. Azure-blue. 3 ft. Pkt. 15c.; large pkt. 60c.; oz. \$3.00.

Grandiflorum album. A strain with sprays of pure white flowers. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

Liberty Larkspur. Dark blue. 3 ft. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

Chinensis, Finest Mixed. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

DAHLIAS FROM SEED

Annuals.

There is no more fascinating flower to raise from seed than the Dahlia.

Single-Flowering

Coltness Hybrids, Mixed. Choice mixed colors. Pkt. 25c.; large pkt. 50c.

Giant Perfection, Mixed. Immense, single flowers of various colors and shades. Pkt. 10c.; large pkt. 40c.

Double-Flowering

Unwin's Dwarf Hybrids, Mixed. Miniature, early-flowering, semi-double hybrids. A wide range of colors. Pkt. 25c.; large pkt. 60c.

California Giants, Mixed. A selection from named varieties, grown by a celebrated producer in California. Pkt. 50c.; large pkt. \$1.25.

Cactus, Mixed. Choice mixture of the best varieties. Pkt. 10c.; large pkt. \$1.00.

Large-Flowering, Mixed. (Show type.) Extra fine. Pkt. 10c.; large pkt. 75c.

DIDISCUS

Annual. 18 in.

Cerulea. Blue Lace Flower. Improved strain. Easily grown; becoming very popular. Attractive, umbel-shaped flowers of lacelike appearance. Delicate azure-blue. Excellent for cutting. Pkt. 10c.; large pkt. 30c.

DIGITALIS • Foxglove

Hardy Biennials. 4 to 5 ft.

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers.

Giant Shirley, Mixed. Enormous spikes of flowers.

Purpurea gloxiniaeflora, Pink

Purpurea gloxiniaeflora, Purple.

Purpurea gloxiniaeflora, White

Purpurea gloxiniaeflora, Mixed

Grandiflora. Light yellow.

Any of above, pkt. 10c.; large pkt. 40c.

Purpurea monstrosa. Mammoth spikes; various colors. Pkt. 15c.; large pkt. 40c.

DICTAMNUS • Gas Plant

Perennial. 2 1/2 ft.

Fraxinella. Showy, bushy plants with purple-red flowers. June, July. Pkt. 10c.; large pkt. 50c.

DIMORPHOTHECA

African Daisy

Annuals. 12 in.

Aurantiaca. Bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

Aurantiaca Hybrids, Mixed. A fine mixture of colors and shades. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

DOLICHOS • Hyacinth Bean

Annual. 10 ft.

Lablab, Mixed. Rapid-growing climber bearing a profusion of purple or white bean-like flowers. Excellent for arbors, trellises, etc. Pkt. 10c.; oz. 40c.

ALL PRICES SUBJECT TO MARKET CHANGES

Everlastings will keep all winter

DORONICUM CAUCASICUM

Perennial. 2 ft.
Yellow, daisy-like flowers. Seed germinates slowly. Pkt. 25c.; large pkt. \$1.25.

DRACAENA

Ornamental plants for vases or conservatory decoration.

Indivisa. Narrow green leaves. Pkt. 10c.; large pkt. 25c.; oz. 75c.

DUSTY MILLER

See Centaurea and Cineraria, page 9.

DIANTHUS - Pinks

Easily raised from seed. Flower abundantly and continuously until frost.

Sweet Wivelsfield

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt. 15c.; large pkt. 30c.

Double Annual.

Chinensis, Mixed. China or India Pink. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Fringed, Mixed. Large flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Mixed. Choice colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Single Annual.

New Single Improved Gaiety. An excellent large-flowered type with well-fringed flowers in a brilliant mixture of colors. Pkt. 15c.; large pkt. 40c.; oz. \$2.00.



Dianthus, Heddensis, Westwood Beauty

Heddensis, Westwood Beauty. New. As the type implies, this new Dianthus is the result of a cross between *Dianthus Hedde-wigi* and *Dianthus chinensis*, combining the large open flowers of Hedde-wigi and the long stems of Chinensis. Flowers single, 1½ to 2¼ inches, deeply lacinated. The color is somewhat variable in shades of crimson and scarlet, some having attractive white edgings. Average height 16 inches. We believe this new Dianthus will become a garden favorite. *Honorable Mention, All-America Selections.* Pkt. 25c.; large pkt. 50c.; oz. \$2.50.

Heddensis, Finest Mixed. The 1946 Award winner, Westwood Beauty is now offered in the full range of Dianthus colors. Well-formed, 2-inch flowers on long 16-inch stems, fine for cutting. An entirely new Tetraploid variety combining the large open flowers of Hedde-wigi with the rugged growth and long-stemmed habit of Chinensis, and more tolerant of extreme temperatures than either of its parents. Pkt. 25c.; large pkt. 60c.; oz. \$3.00.

Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

DIANTHUS

Hardy Garden Pinks

Perennials.

★**Cæsius.** Cheddar Pink. Produces masses of pink flowers. Fine for rockeries. Pkt. 10c.; large pkt. 50c.

Clove-scented, Mixed. Double and semi-double varieties in beautiful colors; fragrant. Pkt. 10c.; large pkt. 50c.

★**Deltoides, Brilliant.** Maiden Pink. Dwarf; brilliant carmine. Pkt. 15c.; large pkt. 50c.

Double Scotch, Mixed. Choice colors. Pkt. 10c.; large pkt. 50c.

Latifolius atrococcineus fl.-pl. Ever-blooming Hybrid Sweet William. Free flowering; velvety crimson-scarlet; double. Pkt. 10c.; large pkt. 50c.

Pheasant's Eye, Mixed. Single fringed flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

★**Rock-Garden Species.** A special mixture of 25 rare varieties well adapted for rock-gardens. Pkt. 25c.; large pkt. 75c.

ECHINO CYSTIS

Wild Cucumber Vine

Hardy Annual. 20 ft.

Lobata. One of the quickest-growing vines. Excellent for covering trellises, fences, etc. Pkt. 10c.; oz. 30c.

ESCHSCHOLTZIA

California Poppy

Hardy Annuals. 1 ft.

Elegant, with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds.

Californica. Pure yellow.

Choice Mixed.

Either of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

EUPHORBIA

Annuals. 2 to 3 ft.

Suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage.

Heterophylla. Mexican Fire-Plant. Glossy green leaves turning to orange-scarlet in midseason. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Variegata. Snow-on-the-Mountain. Foliage veined and margined with white. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Gomphrena - Globe Amaranth

EVERLASTING FLOWERS

These should be grown in every garden, not only for summer blooming, but also as dried cut-flowers for winter decoration.

ACROCLINIUM

Annual. 1 to 3 ft.

Showy and free-flowering. Excellent for cutting.

Sensation Giants. New. An improved strain that grows 6 to 8 inches taller. Each flower is full double and will average 3 inches across. The colors range from medium rose to light pink shades. Pkt. 15c.; large pkt. 60c.

GOMPHRENA - Globe Amaranth

Annuals. 18 to 24 in.

Also called "Bachelor's Buttons." A showy Everlasting.

Globosa. Red-purple. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Mixed. All colors. 2 ft. Pkt. 10c.; large pkt. 25c.

HELICHRYSUM MONSTROSUM STRAWFLOWER

Annuals. 4 ft.

One of the best and most popular of the Everlastings. Large, double blooms.

Buttercup-Yellow. Canary-yellow.

Fireball. Crimson.

Golden Ball. Golden yellow.

Rose-Carmine.

Rose Queen. Immense flowers of a rich deep rose.

Silver Ball. White.

Violet.

Choice Mixed.

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.25

FEVERFEW

See Matricaria, page 15.

FLOWERING TOBACCO

See Nicotiana, page 15.

FOUR O'CLOCK

See Marvel of Peru, page 15.

FOXGLOVE

See Digitalis, page 11.

ALL PRICES SUBJECT TO MARKET CHANGES

Baby's Breath is a useful bouquet flower



Godetia

GAILLARDIA • Blanket Flower

Annuals. 15 to 18 in.

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November.

Indian Chief. Single; brilliant bronzy red.
Double Annual, Mixed (*G. picta* Lorenziana).

Single Annual, Mixed (*G. picta*).

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.25

Perennials. 2 ft.

One of the most showy hardy perennials, blooming the first year from seed if sown early.

★**Grandiflora, Monarch Strain.** Giant flowers in an exquisite mixture. Pkt. 15c.; large pkt. 50c.

Grandiflora, Goblin. Dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches, covered with large, showy, deep red flowers. Pkt. 25c.; large pkt. 75c.

Grandiflora, Portola Hybrids. Flowers of immense size, ranging through shades of bronzy red with golden-tipped petals. Pkt. 15c.; large pkt. 50c.

Grandiflora, Tangerine. Giant orange flowers, overlaid with red. Pkt. 25c.; large pkt. 50c.

Grandiflora superba, Mixed. Pkt. 10c.; large pkt. 40c.; oz. 75c.

GERANIUM

Heights vary.

Zonale, Mixed. Single. Pkt. 10c.; large pkt. \$1.00.

GERBERA • Transvaal Daisy

18 in.

Jamesoni Hybrids, Mixed. Excellent greenhouse perennials with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Pkt. 25c.; 100 seeds, 75c.

GEUM

Hardy Perennials. 18 in.

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets.

Lady Stratheden. Golden yellow. Pkt. 25c.; large pkt. 60c.

Mrs. Bradshaw. Brilliant scarlet. Pkt. 15c.; large pkt. 60c.

Prince of Orange. True orange shade; large flowers. Pkt. 25c.; large pkt. 75c.

GLOXINIA

12 in.

Hybrida grandiflora. Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a specialist. Pkt. 25c.; large pkt. 85c.

GODETIA • Satin Flower

Hardy Annuals.

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

Exquisite Dwarf Single Mixed. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

GOMPHRENA • Globe Amaranth

See Everlastings, page 12.

GRASSES, ORNAMENTAL

Annual. 2 to 3 ft.

Coix Lachrymae. Job's Tears. A strong, broad-leaved ornamental grass with large, shining, pearly seeds. Pkt. 10c.; oz. 60c.

GREVILLEA • Silk Oak

Robusta. A beautiful and graceful decorative plant with fernlike foliage. Excellent for table decoration. Pkt. 10c.; large pkt. 40c.

GYPSOPHILA • Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers.

Annuals. 1 to 2 ft.

Elegans alba grandiflora. True Paris Market Strain. A fine annual variety. Delicate sprays of pure white flowers. Pkt. 10c.; oz. 40c.; ¼ lb. \$1.00.

Elegans carminea. Bright carmine-rose. Pkt. 10c.; oz. 75c.

Perennials.

Oldhamiana. Bright pink, fragrant flowers. 2½ ft. Pkt. 10c.; large pkt. 50c.

Paniculata. White flowers in graceful sprays. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Paniculata fl.-pl. A profusion of double white flowers coming 30 to 40 per cent true. 3 ft. Pkt. 20c.; large pkt. 75c.

★**Repens.** A pretty dwarf, trailing plant for the rockery. Tiny white flowers. 6 in. Pkt. 10c.; large pkt. 50c.

HARDY SWEET PEAS

See Lathyrus, page 15.

HELIANTHUS

See Sunflower, page 22.

GOURD, ORNAMENTAL

Annuals. 15 to 20 ft.

Rapid-growing, interesting climbers with ornamental foliage and singular-shaped fruit.

Large Sorts, Mixed.

Small Sorts, Mixed.

Either of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

HELICHRYSUM

See Everlastings, page 12.

HELIOTROPE

Annuals. 18 in.

A well-known and highly prized plant because of the delightful fragrance of the flowers. Fine for pots or bedding.

Regal, Mixed. Of dwarf, compact growth. Immense flowers. All shades. Pkt. 15c.; large pkt. 75c.

Choice Mixed. Pkt. 10c.; large pkt. 60c.

HEUCHERA

Hardy Perennials. 30 in.

Sanguinea splendens. Coral-Bells. Perennial. Bright vermilion blooms. Excellent for cutting.

Sanguinea hybrida, Choice Mixed. Identical to above, except in a mixture of shades.

Either of above, pkt. 15c.; large pkt. 75c.

HIBISCUS • Marshmallow

Hardy Perennials. 4 ft.

Flowers of enormous size, often 10 to 12 inches in diameter.

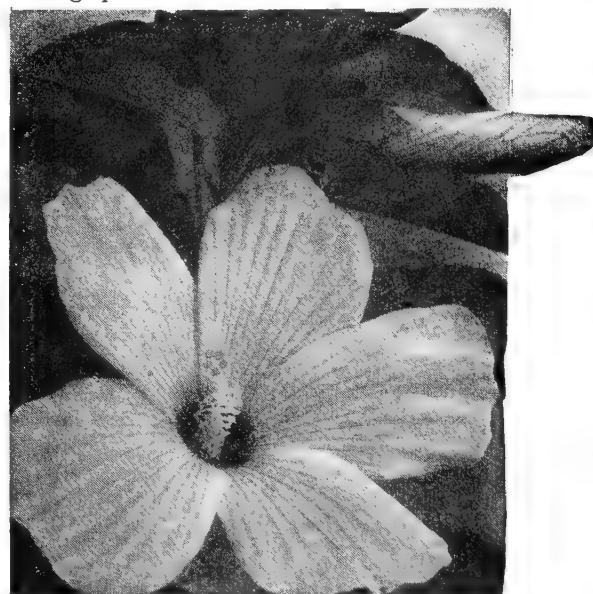
New Avalon Hybrids. An exceedingly diverse strain not only in flower form and color but in foliage and plant habit as well. Flowers are huge, and the color varies from the palest blush through pinks into vivid, rich red. Pkt. 25c.; large pkt. 75c.

Giant Choice Mixed. Pkt. 10c.; large pkt. 30c.

HONESTY • Lunaria; Moonwort

Hardy Biennial. 2 ft.

Biennis alba. Admired for its silvery seed-pods. Beautiful and curious. Pkt. 10c.; large pkt. 60c.



Hibiscus

ALL PRICES SUBJECT TO MARKET CHANGES

Try the All-America Winners

HUNNEMANNIA

Giant Yellow Tulip Poppy

Annuals. 12 in.
Seed sown outdoors in May produces large quantities of giant, Tulip-like flowers during latter part of July and continuing for the rest of the season.

Fumariaefolia. Giant yellow variety. Pkt. 10c.; large pkt. 25c.; oz. 85c.

Sunlite. All-America Winner. Semi-double; bright canary-yellow. Gray-green foliage. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

IMPATIENS

Annuals. 12 to 18 in.
A charming plant for house and conservatory decoration, flowering profusely and almost continuously.

Holsti. Flowers large, vermilion-red. Pkt. 20c.; large pkt. 75c.

Holsti, New Hybrids, Mixed. Choice mixed colors. Pkt. 15c.; large pkt. 75c.

Sultani Hybrids, Mixed. Various colors. Pkt. 15c.; large pkt. 75c.

IPOMOEA

Annuals. 12 ft.
Pearly Gates. Silver Medal, All-America Selections. Lovely lustrous white flowers with creamy shading deep down in the throat; they average 4½ inches across. The fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 15c.; large pkt. 60c.; ¼ oz. 85c.

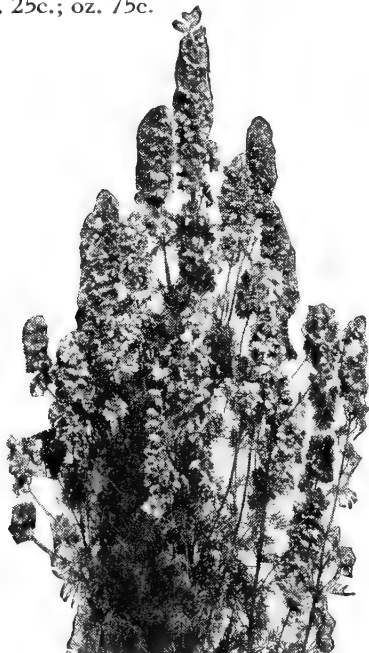
Scarlett O'Hara. All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. Its first flowers will begin to appear in about sixty-five days from seed and remain open all day even in the warmest weather. Pkt. 15c.; large pkt. 40c.; ¼ oz. 85c.

Clarke's New Early Improved Heavenly Blue Morning-Glory. Bright blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Noctiflora. Moonflower. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c.; large pkt. 25c.; oz. 60c.

KOCHIA - Summer Cypress

Hardy Annual. 2 to 3 ft.
Childsi. Easily grown. Forms a cypress-like hedge with feathery green foliage that turns to a deep red color. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Larkspur, Giant Imperial Blue Spire

LANTANA HYBRIDA

Annual. 2 ft.
Choice Mixed. An easy-to-grow bedding plant, bearing in great profusion verbenalike flower-heads in white, rose, orange, scarlet. Pkt. 10c.; large pkt. 40c.

LAVENDER - Lavandula vera

Hardy Perennial. 18 in.
Bears long spikes of fragrant blue flowers. Pkt. 10c.; large pkt. 50c.

ANNUAL LARKSPUR

Hardy Annuals. 3 ft.
Plants are of easy culture. Seed sown early in spring will produce blooming plants by July. Fernlike foliage and slender spikes with double rosette flowers. Fine for cutting or garden decoration.

Giant Imperial

Identical in branching habit with Giant Imperial Stock. Very double flower; strong growth.

Deep Carmine King Improved. A larger, more beautiful Carmine King, which will hold its color under the most trying conditions. Newest and largest of the favorite Giant Imperial type, it will certainly become the standard carmine in this class. Pkt. 25c.; large pkt. 60c.; oz. \$2.00.

Blue Bell. Clear light blue.

Blue Spire. An intense deep Oxford-blue.

Brilliant Rose. New. This attractive new Larkspur is without doubt the finest rose-pink to date. An excellent variety for cutting.

Carmine King. Rich carmine.

Exquisite Rose. A beautiful shade of rose-pink.

Gloria. Fine deep rose.

Lilac King. A true lilac shade. We believe this to be the best color in this ever-popular Giant Imperial Larkspur.

Lilac Queen. Rich lilac, shading lavender-blue.

Lilac Spire. Bright lilac.

Los Angeles. Rich salmon overlaid with brilliant rose.

Miss California. Pale shaded salmon.

Pink King. New. Soft warm salmon-rose.

Pink Perfection. Lively shade of light pink; large florets.

Sweet Lavender. Light lavender-blue.

White King. All-America Winner. Giant, pure white flowers on long spikes.

White Spire. A dazzling pure white.

Choice Mixed.

Any of above, except where noted, pkt. 15c.; large pkt. 40c.; oz. \$1.60

Cockade

A new improved strain of base-branching Giant Imperial type; symmetrical plant with longer spikes.

Blue Cockade. A rich lilac-blue.

Rose Cockade. Salmon-rose.

Sapphire Cockade. Deep lilac.

White Cockade. Pure white.

Mixed.

Any of above, pkt. 20c.; large pkt. 50c.

Tall Double Stock-Flowered

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 90c.



Hollyhock, Chater's Double Mixed

HOLLYHOCK

Hardy Biennials. 6 to 7 ft.
Succeeds best in rich, well-drained soil. Seed sown any time before midsummer will produce fine plants for blooming the following summer.

Triumph, Mixed. New. An excellent type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular type. Pkt. 25c.; large pkt. 50c.

Chater's Double Maroon. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Newport Pink. Pure pink. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Pink. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Red. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Salmon. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double White. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Yellow. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Mixed. Pkt. 10c.; large pkt. 50c.; oz. \$1.50.

Annual.

While these are also perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

Double Everblooming, Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

Single Hollyhock

Mixed Colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

LARKSPUR, PERENNIAL

See Delphinium, page 11.

Morning-Glories are ever cheerful

LATHYRUS • latifolius

Everlasting or Perennial Pea

Hardy Perennials. 6 to 8 ft.

A showy climber for covering walls, stumps, fences, etc.

Crimson. Brilliant.

Pink Beauty. Bright rosy pink.

White.

Choice Mixed. All colors.

Any of above, pkt. 10c.; large pkt. 30c.; oz. \$1.25

LEPTOSYNE

Annual. 3 ft.

One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed.

Maritima. Large, lemon-yellow, Marguerite-like flowers. Pkt. 10c.; large pkt. 30c.

LIATRIS • Blazing Star

Hardy Perennials. 4 ft.

Pycnostachya. Showy border plant with long spikes of violet-purple flowers. Pkt. 15c.; large pkt. 60c.

Scariosa. An improved strain, with larger flowers and more spreading habit than the above. Color, clear rose-purple. Pkt. 15c.; large pkt. 75c.

LILIUM • Lily

Hardy Perennial. 3 to 6 ft.

Regale. Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt. 15c.; large pkt. 30c.

LINUM • Flax

Annual. 16 in.

Grandiflorum rubrum. Large-flowered scarlet Flax. Pkt. 10c.; large pkt. 25c.

Hardy Perennial. 18 in.

Perenne. Bright blue flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

LUPINUS • Lupin

Hartwegi Giants or King

Annuals. 3 to 4 ft.

A new and improved strain with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom.

King Blue. Enormous spikes of rich Oxford-blue color. Pkt. 15c.; large pkt. 30c.

King Sky-Blue. Clear light blue. Pkt. 15c.; large pkt. 30c.

King White. Glistening pure white. Giant spikes. Pkt. 15c.; large pkt. 30c.

Choice Mixture. Pkt. 10c.; large pkt. 30c.

Rich Blue **White**

Pink **Mixed.** All colors

Sky-Blue

Pkt. 10c.; large pkt. 25c.; oz. \$1.00

Lupinus polyphyllus

Hardy Perennials. 2 to 3 ft.

Of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June.

Blue. Pkt. 10c.; large pkt. 30c.

Roseus. Pink. Pkt. 10c.; large pkt. 30c.

White. Pkt. 10c.; large pkt. 30c.

Mixed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

New Hybrids, Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Russell. A great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never seen in Lupins before. The florets are large, with flat, fanlike standards and, unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

LINARIA • Toadflax

Annual. 6 to 8 in.

Fairy Bouquet, Mixed. Dwarf; large flowering. Choice mixture. Fine for bedding. Pkt. 10c.; large pkt. 40c.

LOBELIA

Annuals. 4 to 12 in.

No garden is complete without an edging of blue Lobelia.

Cambridge Blue. Sutton's. New. Large, light blue flowers. Dwarf, compact growth. Pkt. 25c.; large pkt. 75c.

Crystal Palace Compacta. Very compact. Deep blue. The best for edging. Pkt. 10c.; large pkt. 60c.

Crystal Palace Speciosa. Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt. 10c.; large pkt. 40c.

Mrs. Clibran. Dwarf. Deep blue flowers with white eyes. Excellent for borders. Pkt. 20c.; large pkt. 75c.

Michell's Blue Stone. An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt. 20c.; large pkt. 75c.

Sapphire. A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt. 20c.; large pkt. 75c.

LYCHNIS

Hardy Perennial. 2½ ft.

For massing in large beds or borders.

Chalcedonica. Rose Champion. Fine, scarlet, crosslike flowers. July. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

MARVEL OF PERU • Four o'clock

Annuals. 8 to 20 in.

Dwarf Mixture. A uniformly dwarf strain, well adapted for bedding or border work. Fine range of bright colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Choice Mixed. Free-flowering garden favorites. Pkt. 10c.; oz. 60c.

MATRICARIA • Feverfew

Annuals. 18 in.

Ball Strain. A fine pure white, full double, with long stems. Fine for outdoors. Pkt. 15c.; large pkt. 50c.

Double White. For bedding or pot culture. White flowers. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Perennial. 12 in.

Golden Ball. Bright yellow flowers. Pkt. 10c.; large pkt. 60c.

MIGNONETTE

Annuals. 18 in.

No garden is complete without this fragrant flower.

Machet. Large, sweet-scented flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

New York Market. A selected strain. Pkt. 15c.; large pkt. 75c.

Sweet-scented. The popular garden sort. Pkt. 10c.; oz. 30c.

MATTHIOLA

Annual. 18 in.

Bicornis. Evening-Scented Stock. Desirable on account of its fragrance during the evening. Lilac blooms. Pkt. 10c.; large pkt. 25c.; oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

MORNING-GLORY

Annual Climbers. 10 to 20 ft.

Ipomoea, Pearly Gates. Flowers are a lovely lustrous white with creamy shading deep down in the throat and average 4½ inches across. The vigorous, fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

Clarke's New Early Improved Heavenly Blue. The well-known and popular bright blue Morning-Glory. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Scarlett O'Hara. All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. They remain open all day, even in warm weather. Pkt. 15c.; large pkt. 40c.; ¼oz. 85c.

NEMOPHILA

Annual. 8 in.

Insignis, Blue. Pretty light blue flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

NICOTIANA • Flowering Tobacco

Annuals. 1½ to 3 ft.

Plants give a continuous display of brilliant flowers.

Miniature White (N. suaveolens). A dwarf type with miniature white, very fragrant flowers. Pkt. 15c.; large pkt. 75c.

Affinis. Fragrant, tubular, pure white flowers. Pkt. 10c.; large pkt. 25c.

Affinis Hybrids, Mixed. Large, sweet-scented flowers in a variety of colors. Pkt. 10c.; large pkt. 25c.

Crimson Bedder. Rich deep crimson. Dwarf. Pkt. 15c.; large pkt. 40c.

NIEREMBERGIA

Annuals. 4 to 6 in.

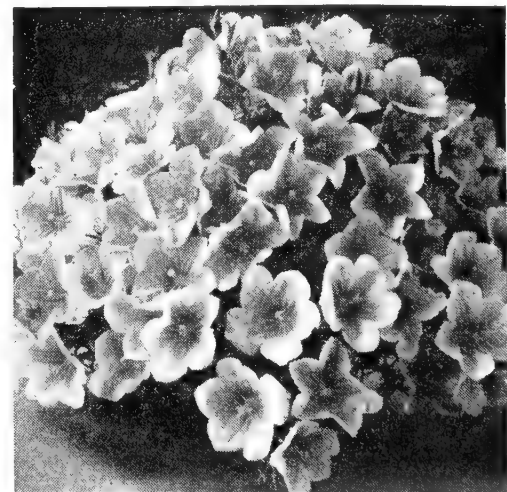
Purple Robe. Bronze Medal, All America Selections. Deep violet-blue that does not fade. Neat, compact habit. Pkt. 25c.; large pkt. 75c.

★Hippomanica. Dwarf Cup Flower. *New.* Small, cuplike flowers of a lovely lavender-blue shade, with a touch of yellow in the center. Plants 8 to 10-inch spread, and commence to flower in 15 weeks. Pkt. 25c.; large pkt. 75c.

NICANDRA

Annual. 4 ft.

Physalodes. Shoo-fly Plant. The flowers are odd chalices of bright blue with white centers, after which come curiously shaped dry fruit. Very easy to grow. Pkt. 10c.; large pkt. 25c.; ¼oz. 75c.



Nierembergia, Purple Robe

MARIGOLD • Tagetes

THE GOLD OF THE MARIGOLD FOR CHEER

Hardy Annuals.

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.

Tall African

Tall-growing, from 2½ to 4 feet high.

Mission Giants, Yellowstone. *Honorable Mention, All-America Selections.* Bright rich clear yellow counterpart to Goldsmith. A popular variety with large 2½-inch flowers on luxurious strong-growing plants. 3 to 5 ft. Pkt. 25c.; large pkt. 50c.

Giant Chrysanthemum-Flowered, Goldsmith. *Bronze Medal, All-America Selections.* Plants grow 3 to 4 feet high, are very vigorous and base-branching, producing from 8 to 12 stems of large golden orange blooms. Pkt. 25c.; large pkt. 50c.

Michell's Early Golden Jubilee. *Exclusive Introduction.* Large, double, chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. 3½ to 4 ft. Pkt. 25c.; large pkt. 60c.

New Giant Chrysanthemum-Flowered Hybrids. These hybrids consist of many new and distinct types, varying in size of blooms from 2 to 4 inches in diameter. Colors range in all shades of orange and yellow. About 3 ft. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Gigantea, Orange Sunset. Flowers are unquestionably the largest Marigolds to date. Rich orange. Pkt. 25c.; large pkt. 50c.

Gigantea, Sunset Giants. Exceptionally free flowering and lacks the usual Marigold odor. Mixed colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Alldouble Orange. (Originator's stock.) This new variety will produce a large percentage of double flowers of a bright orange shade. Pkt. 15c.; large pkt. 50c.

Alldouble Lemon. (Originator's stock.) Fine clear yellow, all-double flowers. Pkt. 15c.; large pkt. 50c.

Giant Golden Emblem. Very large lemon-gold flowers 4 to 5 inches in diameter. Pkt. 15c.; large pkt. 50c.

Golden Eagle. Carnation-flowered; golden yellow. Excellent for cutting. Pkt. 10c.; large pkt. 50c.



Marigold, Michell's Early Golden Jubilee

Guinea Gold. The flowers come 100 per cent double and semi-double. Clear orange, flushed gold. Pkt. 10c.; large pkt. 50c.

Yellow Supreme. Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft. Pkt. 15c.; large pkt. 50c.

Large African, Mixed. Tall; double. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Dwarf African

Dwarf Gigantea, Pot O'Gold. *New.* Well-branched, dwarf, compact. Flowers are a bright deep golden orange, measuring 4 to 4½ inches across. 12 in. Pkt. 25c.; large pkt. 50c.

Little Giants, Mixed. The plants are compact and covered with blossoms. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

Double Dwarf French

French Harmony Type, Butterball. *Bronze Medal, All-America Selections.* Most attractive, very compact, scabiosa-flowered, canary-yellow. Grows 6 to 10 inches tall, uniform; very early flowering. Pkt. 25c.; large pkt. 50c.

Chrysanthemum-Flowered, Golden Bedder. *Bronze Medal, All-America Selections.* Bright golden orange. One of the earliest of all Marigolds. Symmetrical mounds of golden orange flowers of interesting form. Pkt. 25c.; large pkt. 50c.

Melody. *Bronze Medal, All-America Selections.* The flowers are fully double, brilliant orange in color, and are of the Harmony type. The compact plants are about 12 inches high. A very early and free bloomer. Pkt. 25c.; large pkt. 50c.

Sunkist. Very dwarf and compact, with solid deep golden orange, anemone-type flowers. Free flowering. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.50.

Scarlet Glow. *Honorable Mention, All-America Selections.* A distinct new bronzy red color. Compact, bushy growth of about 1 foot; flowers are 1¾ to 2 inches across. The largest and brightest double red French sort. Pkt. 25c.; large pkt. 50c.

Spry. *Silver Medal, All-America Selections.* Extra dwarf, double French-type Marigold; very compact and uniform habit, about 9 inches tall, with very light orange crested center and maroon outer petals. Pkt. 25c.; large pkt. 50c.

Harmony Hybrids. Flowers are of medium size and the color-range includes innumerable combinations of the popular Harmony Marigold. 12 to 14 in. Pkt. 15c.; large pkt. 40c.

Spotlight. Scabiosa-like flowers with crested centers of dainty tubular petals in a bright yellow shade which contrasts with the velvety dark mahogany-red guard petals. Pkt. 25c.; large pkt. 50c.

Scabiosa-Flowered, Golden Harmony. *New.* A solid bright golden yellow with the same color guard petals. Pkt. 25c.; large pkt. 50c.

Harmony. Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.



Marigold, Naughty Marietta

Alldouble, Royal Scot. Every plant of uniform shape and height (10 to 12 inches). Rich mahogany and gold, in uniform stripes. Pkt. 25c.; large pkt. 40c.; ¼oz. 75c.

Golden Ball. Very compact. Flowers large, golden yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Mahogany. Rich mahogany-brown. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Robert Beist. Very large, dark maroon flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Yellow Pygmy. Light lemon-yellow. Free flowering. 8 in. Pkt. 15c.; large pkt. 30c.; oz. \$1.75.

Dwarf Double French, Mixed. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Single Dwarf French

Red Head. The plants grow very vigorously, forming a compact row 15 inches high and 20 inches across. The single flowers grow 2 inches across, open a rich mahogany color and expand rapidly, the color being altered by bright sunlight to auburn and later to shades of bronze and gold. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

Naughty Marietta. *Honorable Mention, All-America Selections.* A lovely, new, single French Marigold 2 to 2½ inches in diameter. In full bloom the dwarf plants, 12 inches tall and 16 inches across, are completely covered with bright golden yellow flowers attractively marked with mahogany at the base of the petals. Very showy. Excellent for borders. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

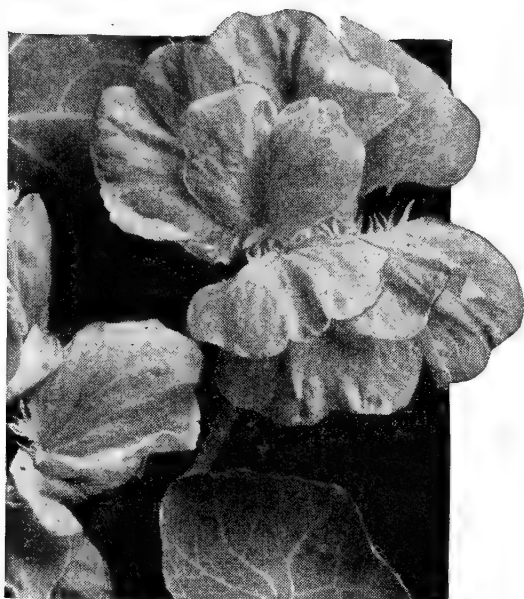
Flash. *Bronze Medal, All-America Selections.* The large single flowers are a brilliant tangerine and marigold-brown. As the flowers age they turn to golden orange. Plants are compact, bushy, and free blooming, making this variety excellent for cutting borders. When planted in a bed they make a brilliant showing. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00.

Legion of Honor (Little Brownie). Single golden yellow, velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt. 10c.; large pkt. 25c.; oz. 85c.

Signata pumila (Tagetes). Golden yellow. Excellent for edging. 10 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES

These Pansy Mixtures are highly recommended



Nasturtium, Golden Gleam

Double Tall French Marigolds

Mixed. Pkt. 10c.; large pkt. 25c.; oz. 90c.

Single Tall French

Australian Giant or Tree. Very late flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt. 15c.; large pkt. 40c.

Josephine. Dark brown with gold edges. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Collarette

Crown of Gold. Orange flowers, having crested centers, with broad guard petals. Odorless foliage. Pkt. 15c.; large pkt. 40c.; ¼ oz. 75c.

Lieb's Winter-Flowering

A fine forcing variety. Color mahogany-brown, golden yellow crested center. Pkt. 25c.; large pkt. 60c.

MYOSOTIS • Forget-me-not

Perennials. 6 to 12 in.

Blue Spire. New. Very large flowered, rich blue color. Compact, medium habit; free flowering. Pkt. 25c.; large pkt. 75c.

Alpestris, Victoria. Bright blue; dwarf. Pkt. 10c.; large pkt. 60c.

Bluebird. Extra early flowering; bright blue. Pkt. 10c.; large pkt. 50c.

Michell's Winter-Flowering. The finest variety for forcing. Long stems. Large, deep blue flowers. Pkt. 15c.; large pkt. 75c.

Palustris semperflorens. Everblooming; blue. Pkt. 10c.; large pkt. 60c.

Choice Mixed. Pkt. 10c.; large pkt. 40c.

NEMESIA

Hardy Annuals. 8 to 12 in.

Strumosa Suttoni. Large flowers varying in color from creamy white to deep orange and carmine. Pkt. 15c.; large pkt. 60c.

Blue Gem. Flowers bright blue. Growth compact. Pkt. 15c.; large pkt. 75c.

OXYPETALUM

Annual. 15 in.

Coeruleum. Argentine or Southern Star. The blossoms are inch-wide stars facing upward. The color is a most unusual blue of silver-blue pastel quality. Blooms continuously. Pkt. 25c.; large pkt. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S GIANT NASTURTIIUMS

Annuals.

Dwarf or Bedding • Tom Thumb

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

New Dwarf Double

Dwarf Double Art Shades. New. The most brilliant mixture yet introduced. Plants are of dwarf, compact habit, with the flowers well above the foliage. Excellent for borders. Pkt. 15c.; oz. 50c.

Scarlet Globe. Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt. 10c.; oz. 50c.

Golden Globe. All-America Winner. Identical in color with the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet-scented. Pkt. 10c.; oz. 50c.

Gem Mixture. Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

Michell's Giant-flowering Dwarf, Mixed. This is one of the finest mixtures, composed of the largest and best named varieties and is unsurpassed for brilliancy of color. Pkt. 10c.; oz. 25c.; ¼ lb. 90c.; lb. \$3.00.

Double Nasturtium Novelties All-America Winners

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet-scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot culture.

Golden Gleam. (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers.

Scarlet Gleam. (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage.

Gleam Hybrids. (Bodger.) Gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.

Any of above, pkt. 10c.; oz. 50c.; ¼ lb. \$1.75

Tall or Climbing Nasturtiums

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. The seed-pods can be gathered while green and tender, for pickling. 8 to 10 ft.

Michell's Giant-Flowering, Mixed Tall.

This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt. 10c.; oz. 25c.; ¼ lb. 90c.; lb. \$3.00.

Broaden your flower knowledge by trying each season some things you are not acquainted with. You will have many pleasant surprises.

MICHELL'S PANSIES

The new Pansies are delightful. They will enhance your garden with their entrancing new colors, size and grace.

Treat as Biennials.

If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

Giant-flowering Mixtures

America. Very select dwarf strain; free flowering. Comes in fine mixture of popular shades. American-grown seed. Pkt. 25c.; large pkt. \$1.00; ¼ oz. \$3.50.

Maple-Leaf Giants. This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$3.50.

Michell's New Swiss Giants. A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt. 50c.; large pkt. \$1.25; ¼ oz. \$3.50.

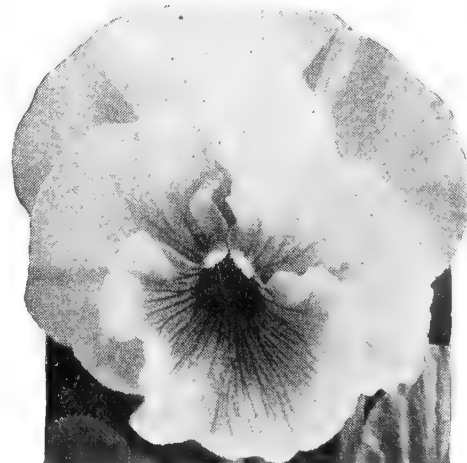
New Giant Pansy, MICHELL'S SPRINGTIME

Fine new early-flowering variety; blooms measure 3½ to 4 inches across. Plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. Pkt. 25c.; large pkt. \$1.00; ¼ oz. \$2.00.

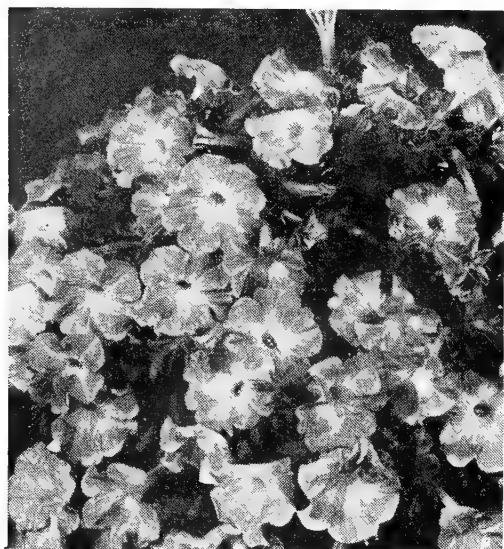
Engelmann's Special Mixture

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt. 50c.; large pkt. \$1.00; ½ oz. \$3.00.

Michell's Giant Exhibition. Flowers immense; very heavy texture; and the most brilliant colors. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.75; ¼ oz. \$3.00; oz. \$10.00.



Pansy, America



Petunia, Bright Eyes

Pansies, continued

Swiss Giant Pansies

Alpenglow. Cardinal-red shades with dark blotches. Pkt. 25c.; large pkt. \$1.00.

Berna. Very rich, velvety purple-violet, of extra quality. Pkt. 25c.; large pkt. \$1.00.

Coronation Gold. Round canary-yellow flowers as much as 3 inches across, with slightly ruffled edges and lower petals flushed golden orange. Pkt. 25c.; large pkt. \$1.00.

Lake of Thun. A distinct marine-blue variety, with deep blue blotches. Pkt. 25c.; large pkt. \$1.00.

Luna. Soft sulphur-yellow with frilled edges. Pkt. 25c.; large pkt. \$1.00.

Pure White. The best giant pure white. Pkt. 25c.; large pkt. \$1.00.

Rheingold. Deep golden yellow, with black blotches on the three lower petals. Pkt. 25c.; large pkt. \$1.00.

Improved Swiss Giants. Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt. 25c.; large pkt. 85c.; 1/8oz. \$1.75.

Dwarf, Swiss Choice Mixed. For those who desire a dwarf and more compact type than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$3.00.

Trimardeau, Choice Mixed. Free-flowering, medium size flowers. Excellent for bedding. Pkt. 15c.; large pkt. 75c.; 1/4oz. \$2.00.

PORTULACA • Sun-Plant

Hardy Annuals. 6 in.

Brilliant flowers of easy culture. Excellent for massing in beds, edging, or rock-work, thriving best in a light, sandy soil and a sunny situation.

Double-Flowering

A select strain that will produce from 60 to 80 per cent double flowers.

Mixed. Pkt. 10c.; large pkt. 50c.; 1/4oz. \$1.50; oz. \$5.00.

Single-Flowering

Single Jewel. Flowers four times as large as the regular single sorts and of very unusual beauty. Color a brilliant deep rose-crimson. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$2.00.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; 1/4oz. \$1.00; oz. \$3.50.

MICHELL'S PETUNIAS

No other flower has achieved more popularity. The Petunia is a plant that can be attractively used in an endless number of ways. New and charming colors and forms add to the interest of these indispensable garden flowers. They thrive in various climatic conditions and can be used as a perennial border, or in a rock-garden; they also effectively combine with other garden flowers, and a garden entirely of Petunias is a delightful picture.

For freedom of bloom, variety of color, and effectiveness, the Petunia has few equals for the flower garden, porch or window-box. They commence blooming early and continue until killed by frost. We call special attention to our Large-Flowering Strains, which for size and brilliancy of coloring cannot be surpassed.

Outstanding Petunias Exclusive with Michell's

Michell's Rosalind. The flowers of this new strain are very large and ruffled, in a brilliant rose shade. The deep throats are beautifully veined gold and white. Plants are of compact habit and very free flowering. Pkt. 25c.; large pkt. \$1.00.

Michell's Gay Lady. This novelty Petunia is a Michell introduction in a new type of Petunia which we feel will prove very pleasing to the American gardener. The plants are very compact and erect, growing 8 to 10 inches tall and when in full bloom form a compact mat of color. The flowers are medium sized, well fringed and ruffled, and are borne in great profusion. The color-range is a combination of pink and white to red and white. A very bright and gay mixture. Splendid for borders and bedding or growing in pots. Pkt. 35c.; large pkt. \$1.00; extra large pkt. \$1.75.

New Victory. An extra-dwarf, super-giant single Petunia. Huge, deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color-range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt. 35c.; large pkt. \$1.00.

New Dazzler. The brightest and most colorful single Petunia yet introduced. The large flowers are brilliant shades of orange and rosy scarlet, plain and semi-ruffled, gold-and-white-throated. Plants of dwarf, compact habit. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

COLLECTION: One pkt. each of above 4 superb Petunias, \$1.10

New Ruffled Petunia, Garden Giants Giants of California Type

The outstanding feature of this new variety is its satisfactory plant growth. The plants uniformly develop into well-rounded mounds 12 to 15 inches high, and all season are thickly covered with large ruffled flowers in a wide variety of color combinations, basically with red and white blotching. Because of its uniformity and continuous blooming it is by far the best variety of Giant Ruffled Petunias for borders we have ever seen. We feel sure it will rapidly become more and more popular. Pkt. 25c.; large pkt. 85c.

ALL PRICES SUBJECT TO
MARKET CHANGES

Single-Flowered Grandiflora

Improved Admiral. A very superior selected strain. Flowers are a rich violet-blue, slightly waved. The plants are compact and upright in habit. Pkt. 35c.; large pkt. \$1.00.

Flaming Velvet. Rich, brilliant, velvety blood-red, medium-sized flowers. Pkt. 25c.; large pkt. 50c.

General Dodds. A fine bedding variety. Rich velvety blood-red blooms. Pkt. 10c.; large pkt. 50c.

Howard's Star, Improved. Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt. 15c.; large pkt. 60c.

Topaz Rose. All-America Winner. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Pkt. 25c.; large pkt. 75c.

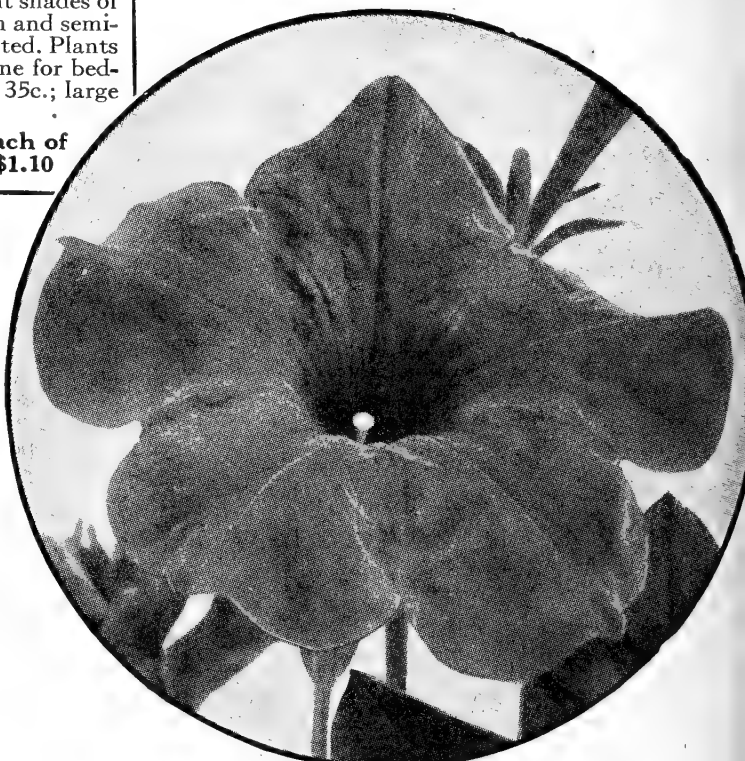
Dwarf Single Large-Flowering

The following three new varieties are large-flowered, plain-edged dwarf types. Compact in habit, free flowering; excellent subjects for pots or bedding.

Rose Queen. Brilliant rose-pink. Pkt. 25c.; large pkt. 75c.

Ruby Queen. Clear ruby-red. Pkt. 25c.; large pkt. 75c.

Violet Queen. A true bright violet color which will not fade. Pkt. 25c.; large pkt. 75c.



Petunia, Violet Queen

MICHELL'S PETUNIAS, continued

Dwarf Single Small-flowered Sorts New Varieties (1 ft.)

Bright Eyes. *Bronze Medal, All-America Selections.* Remarkable uniform Petunia of Dwarf, compact habit and extremely floriferous. Plants grow 7 to 9 inches tall and are completely covered with soft light rose-pink flowers, with pronounced white throat; individual blooms grow about 1½ inches across. Pkt. 25c.; large pkt. 75c.

Cheerful. *Bronze Medal, All-America Selections.* Flowers are clear salmon-pink, 2¾ inches and more across, and here and there among the mass of blooms are some a tint or two lighter than others. At first the growth is low, spreading close to the ground; later the plants form a dwarf, densely compact mound 10 inches high, with a spread of 2 feet. Pkt. 25c.; large pkt. 75c.

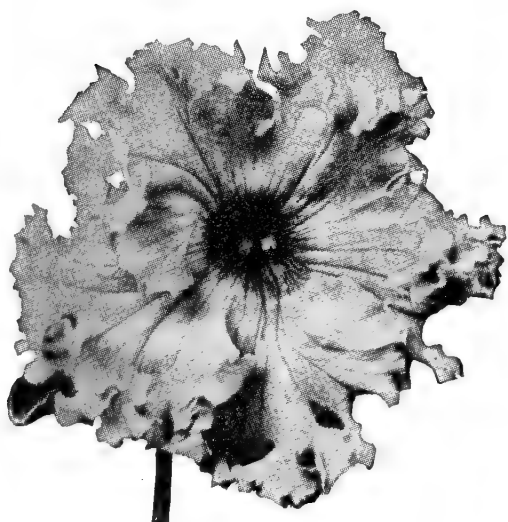
Cream Star. *Silver Medal, All-America Selections.* Moundlike plants 8 to 10 inches tall, bloom madly from early summer until frost, the bloom literally hiding the foliage. Each dainty white flower is marked with a cream-colored star. Pkt. 25c.; large pkt. 75c.

English Violet. *Honorable Mention, All-America Selections.* Violet-blue, different from any other of the mid-blue varieties. It is almost the same beautiful color as English violets. The plants grow normally 15 inches high, quite compact. Pkt. 25c.; large pkt. 75c.

Glow, Nana Compacta. *Silver Medal, All-America Selections.* Medium-sized, single flowers of a very intense glowing carmine-rose, measuring 2½ inches across, are borne in great profusion on dwarf plants. Pkt. 25c.; large pkt. 75c.

Igloo. *Bronze Medal, All-America Selections.* This new extra-compact Petunia produces pure white flowers of medium size with a slight yellow throat. The plants are uniformly compact throughout the season, and continue to flower until frost. When in bloom they are a perfect mound of white, 8 to 10 inches in height. Pkt. 25c.; large pkt. 75c.

Velvet Ball (Dwarf Flaming Velvet). *All-America Winner.* The plants reach a height of about 8 inches and the blooms are comparatively large, being about 2½ inches in diameter, well shaped, deep velvety blood-red. Pkt. 25c.; large pkt. 75c.



Petunia, Theodosia

Single Large-Flowered Plain-Edged

Dwarf Elk's Pride. A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple. Pkt. 25c.; large pkt. 85c.

Purple Prince. Large, fine, velvety purple flowers. Pkt. 25c.; large pkt. 75c.

Snowstorm. A fine large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and for bedding. Pkt. 25c.; large pkt. 85c.

Dwarf Single Small-flowered Standard Sorts (1 ft.)

Bluebird. An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt. 15c.; large pkt. 50c.

Celestial Rose. Compact; deep rose. Excellent for bedding. Pkt. 15c.; large pkt. 50c.

Dwarf Inimitable. Dwarf, compact habit. Profuse bloomer. Flowers striped and blotched. Pkt. 10c.; large pkt. 50c.

Silver Blue (Heavenly Blue). Makes a fine bedding variety combined with Rosy Morn. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$2.25.

King Henry. Free flowering; dwarf, compact habit. Blood-red color. Pkt. 25c.; large pkt. 75c.

Martha Washington. A ruffled or frilled, dwarf, compact type, about 9 inches high. Blush-pink, center veined wine-red. Pkt. 25c.; large pkt. 75c.

Periwinkle Blue. Flowers are a delightful shade of pastel blue. Resembles very much the perennial Vinca. Pkt. 15c.; large pkt. 50c.

Rosy Morn. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with white throats. Pkt. 10c.; large pkt. 50c.; ¼ oz. \$1.25.

Rose of Heaven. Rich, brilliant rose color. Pkt. 10c.; large pkt. 60c.; ¼ oz. \$1.25.

Snowball. A fine, compact sort, producing a profusion of satiny white flowers. Pkt. 10c.; large pkt. 75c.

Twinkles. Brilliant rose, starred white. Fine bedding sort. Pkt. 25c.; large pkt. 75c.

Violacea. Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt. 15c.; large pkt. 60c.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; ¼ oz. \$1.00; oz. \$3.00.

Dwarf Single Nana Compacta, Mixed.

A dwarf-flowering type with medium-sized flowers produced in profusion. Excellent for bedding and borders. Choice mixed colors. Pkt. 25c.; large pkt. 75c.

Large Single Fringed

Mitchell's Super Fluffy Ruffles. Splendid new strain with beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Pkt. 25c.; large pkt. 85c.

Mitchell's Giant Fringed, Mixed. Flowers large, beautifully fringed and ruffled. Pkt. 25c.; large pkt. 85c.

Theodosia, Mitchell's Improved Strain. New. Large, brilliant rose-pink, with full open throat. Pkt. 25c.; large pkt. 85c.



Petunia, Glow

Single Ruffled Giants with Veined Throats

California Giants, Dwarf Ramona Strain.

An excellent new dwarf strain of California Giants. Very compact. Fine for pots. Pkt. 25c.; large pkt. 85c.

Glamour, Giants of California. *Honorable Mention, All-America Selections.* A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy open shallow throat. Strong, robust, extremely free-blooming. Pkt. 25c.; large pkt. 85c.

California Giants. One of the largest-flowered varieties. Bright desirable colors. Robust plants. Pkt. 25c.; large pkt. \$1.00.

Portland Petunias

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please.

Elk's Pride. Large, deep royal purple blooms.

Pink Triumph. Clear, bright pink, delicately fringed.

Mixed Colors.

Any of above, pkt. 25c.; large pkt. 75c.

Balcony Petunias

A fine, large-flowering, free-blooming type suitable for vases, window- or porch-boxes; also valuable for bedding.

Blue. Rich indigo-blue.

Cornflower Blue. Bright blue.

Crimson. Rich velvety crimson.

Rose. Rose-pink.

White. Pure white.

Mixed Colors.

Any of above, pkt. 15c.; large pkt. 60c.

ALL PRICES SUBJECT TO MARKET
CHANGES

Don't try to transplant Poppies

Double Petunias

Alldouble America. *Silver Medal, All-America Selections.* This alldouble Petunia produces rose-pink flowers of medium size, 2 inches or more across. Plants are Hybrid nana compacta, 1 foot in height and 18 inches in width, making them ideal for beds, borders, edgings, or pot-plants. Very early flowering. Pkt. 50c.; large pkt. \$2.00.

Double Fringed, Mixed. Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt. 50c.; 500 seeds, \$1.25.

Choice Double, Mixed. A good mixture. Pkt. 25c.

How to Sow Double Petunia Seed

The seed of Double Petunias is very fine and should be sown inside in flats or pots, using a mixture of finely sifted soil, with the addition of some sand. Thoroughly water the soil and then lightly scatter the seed on the surface. Do not cover the seed with soil. The receptacle should be covered with a sheet of newspaper and a pane of glass, and kept in a warm location until the seedlings start to grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.

PHLOX DRUMMONDI

Hardy Annuals.

6 to 12 in.

Gigantea, Michell's New Buff Queen.

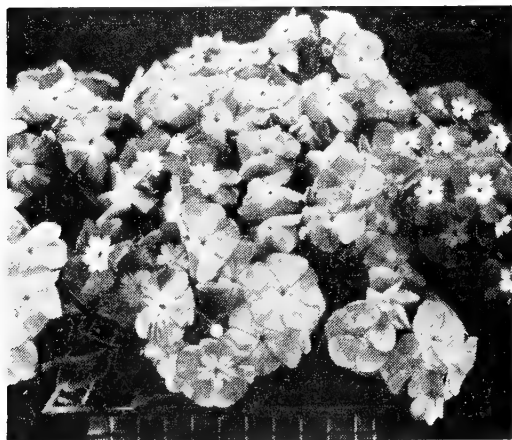
A new shade in this popular Phlox. It is identical in type, habit of growth and size of bloom to Gigantea Art Shades and is free flowering and a continuous bloomer. The color is a soft chamois or buff, with a distinct eye. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.60.

Gigantea, Red Glory. *Honorable Mention, All-America Selections.* Brilliant red with a contrasting white eye which seems to intensify the red. Identical in type, habit of growth, and size of bloom to the Gigantea Art Shades. It is free flowering and a continuous bloomer. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

Gigantea, Rosy Morn. *Bronze Medal, All-America Selections.* Flowers are a combination of rose-pink with a white eye, larger than a half dollar. Free flowering and will not fade in the sun. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

Salmon Glory (All-America Winner)

The individual flowers are gigantic for Phlox, measuring from 1 to 1½ inches in diameter, of pure salmon-pink color with a distinct creamy white throat. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.



Phlox, Gigantea Art Shades, Mixed

Phlox, Gigantea Art Shades, Mixed

All-America Winner

A strain with flowers 1¼ to 1½ inches in diameter. In many pleasing art shades. 9 in. Choice mixture only. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.25.

Grandiflora Varieties

Alba. Pure white.

Chamois-Rose.

Coccinea. Scarlet.

Violet.

Pink.

Yellow.

Choicest Mixed.

Any of above, pkt. 10c.; large pkt. 50c.; ¼oz. \$1.10; oz. \$3.25

Cuspidata, Mixed (Star of Quedlinburg). Extra fine star-flowered mixture. Pkt. 10c.; large pkt. 50c.; ¼oz. \$1.00.

Dwarf or Compact Varieties

Choice Mixture. Large flowered. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.25.

Cecily. Extra dwarf, large-flowered, choice mixed. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.25.

Hardy Perennial.

Decussata, Mixed. Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt. 10c.; large pkt. 75c.; ¼oz. \$1.25.

PHYSALIS - Chinese Lantern Plant

Perennial.

2½ ft.

Francheti. Orange-scarlet fruits. Pkt. 10c.; large pkt. 40c.

PINKS

See Carnation, page 8, and Dianthus, page 12.

*POLYANTHUS

Primula polyantha

Perennials.

4 in.

English Mixed. Single flowers.

Primula Veris, Mixed. Cowslip.

Either of above, pkt. 10c.; large pkt. 75c.

MICHELL'S POPPIES

Annual.

2 to 2½ ft.

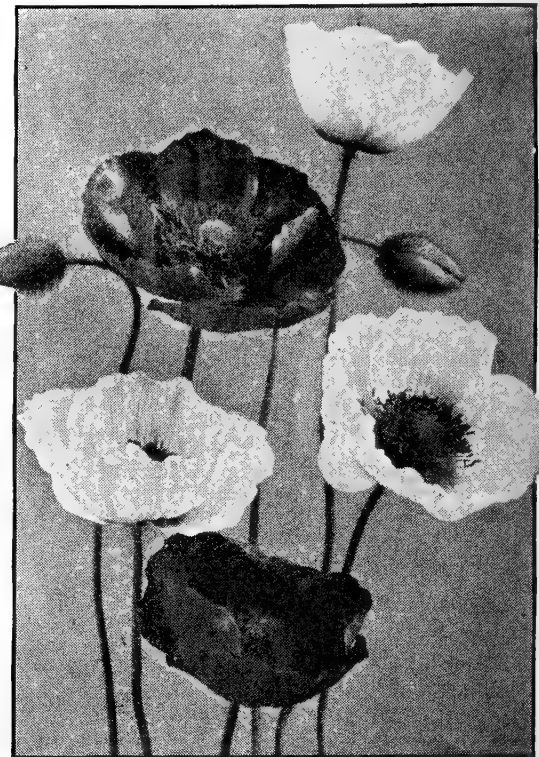
Normandy Red. *New.* Large single flowers of a brilliant orange-scarlet. Splendid for beds or borders. Pkt. 25c.; large pkt. 75c.

Michell's Shirley, Mixed. This lovely race of Poppies varies in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Flanders

This is the well-known Poppy of Flanders fields so often mentioned in songs and stories of the Great War. Medium-sized, scarlet flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Improved Shirley, May Queen, Mixed. A reselected strain. Large, double flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Iceland Poppy, Kelmscott

Iceland Poppies • Papaver nudicaule

Hardy Perennials.

These flower the first year from spring-sown seed; are of graceful habit, with fern-like foliage. The satin-like flowers are borne in endless profusion. Excellent for cutting.

Kelmscott. The flowers of this new strain are larger than we have ever seen on any variety of Iceland Poppy, measuring as much as 3 inches across. The color range is from deep scarlet through delicate pinks and buffs to pure white. Pkt. 25c.; large pkt. \$1.00.

Gartford Giant Art Shades. Large flowers carried on exceedingly heavy stems up to 30 inches in length. The color-range includes pastel shades of apricot, cream, gold, white, and various shades of rose. Its blooms make excellent cut-flowers when properly treated by dipping the ends in boiling water. Pkt. 25c.; large pkt. 75c.

Yellow Wonder. *All-America Winner.* Buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. Pkt. 25c.; large pkt. 60c.

Single, Mixed. Colors range from white and yellow to deep orange-scarlet. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

Sunbeam. Fine new shades in mixture. Pkt. 15c.; large pkt. 40c.

Oriental Poppies

Perennials.

2 to 3 ft.

These are always popular. The seeds should be sown in early spring in the open ground.

Orientele. Extra-large, deep scarlet flowers. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

Orientele, Mrs. Perry. Rich salmon-pink. Pkt. 10c.; large pkt. 75c.

Orientele, Royal Scarlet. Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

Orientele Hybrids, Mixed. Large flowers. Pkt. 10c.; large pkt. 50c.; ¼oz. 85c.

MICHELL'S PRIMULAS

Obconica Gigantea

9 to 12 in.

Wyaston Wonder. New. The largest-flowered *Primula obconica*. Individual florets are huge and the color a bright crimson. Pkt. 50c.; large pkt. \$1.25.

Monster, Mixed. An extra-large strain of this *Primula*. Pkt. 40c.; large pkt. \$1.50.

Obconica

Mueller and Mohnstein Mixed. Shades of pink and red. Pkt. 50c.; large pkt. \$1.50.

Fringed Chinese Variety

Mitchell's Prize Mixture. This mixture contains only the best sorts. Pkt. 25c.; large pkt. \$1.50.

PYRETHRUM HYBRIDUM

Hardy Perennials. 30 in.

Undoubtedly one of the best hardy perennials, both for garden work and for cut-flower purposes. A row of twenty-five plants will prove very useful.

Roseum. Single; pink shades. Pkt. 10c.; large pkt. 75c.

Hybridum, Single Mixed. Pkt. 10c.; large pkt. 60c.

Hybridum, Double Mixed. Pkt. 25c.; large pkt. 75c.

Robinson's Giant-flowered Mixed. Pkt. 25c.; large pkt. 75c.

Foliage Variety for Bedding

Used for edging of ornamental beds. Leaves finely cut.

Aureum (Golden Feather). Bright golden yellow foliage. 1 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

ALL PRICES SUBJECT TO MARKET CHANGES



Pyrethrum hybridum, Double Mixed

RUDBECKIA • Coneflower

Hardy Annual.

3 ft.

Kelvedon Star. A perfect, long-stemmed flower for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. Pkt. 15c.; large pkt. 50c.

RED-HOT POKER. See *Tritoma*, page 25.

RESEDA. See *Mignonette*, page 15.

RICINUS COMMUNIS

Castor-Oil Bean

Annuals.

8 to 12 ft.

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

Sanguineus. Blood-red stalks and red fruit. 8 ft. Pkt. 10c.; oz. 40c.

Zanzibarensis. Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt. 10c.; oz. 40c.

Mixed. All sorts. Pkt. 10c.; oz. 40c.; lb. \$3.00.

SCABIOSA • Mourning Bride Grandiflora Varieties

Hardy Annuals.

1½ to 4 ft.

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and invaluable for cutting.

Peace. The white flowers are fully double, 1½ inches across, on 3½- to 4-inch stems. Good for cutting and an excellent garden variety. Pkt. 25c.; large pkt. 50c.

Imperial Giants, Blue Moon. The color is a rich deep lavender-blue. Flowers are fully double, beehive-shaped. Pkt. 25c.; large pkt. 50c.

Giant Salmon Beauty. A pure salmon *Scabiosa*. The flowers are huge and the stems light and strong. Pkt. 25c.; large pkt. 40c.

Orchid Shades. This new mixture of orchid shades contains all the colors and tones of the *Cattleya* orchid. Equally lovely under natural or artificial light. Large flowers and very long, strong stems. Pkt. 15c.; large pkt. 40c.

Rosette. Large-flowering type in a beautiful shade of deep rose heavily suffused with salmon. A new color addition to this popular garden flower. Pkt. 25c.; large pkt. 40c.

Azure Fairy. Clear lavender-blue. Pkt. 10c.; large pkt. 25c.

Blue Cockade. New. Large, deep azure-blue flowers. Pkt. 10c.; large pkt. 25c.

Cherry-Red. Pkt. 10c.; large pkt. 25c.

Flesh-Pink. Pkt. 10c.; large pkt. 25c.

Giant Loveliness. Flowers range through various tones of delicate salmon-rose. Pkt. 10c.; large pkt. 25c.

King of the Blacks. Deep purple. Pkt. 10c.; large pkt. 25c.

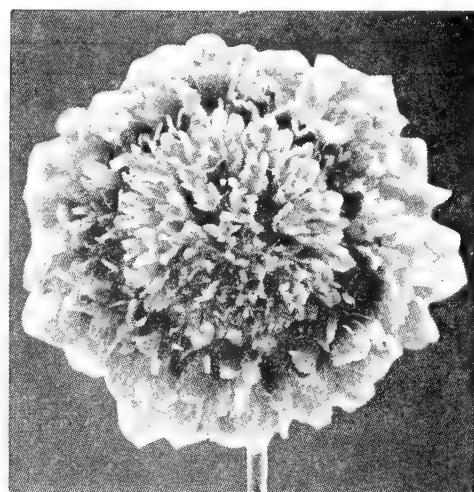
Peach Blossom. Peach-blossom-pink. Pkt. 10c.; large pkt. 25c.

Rose. Soft rose color. Pkt. 10c.; large pkt. 25c.

Shasta. Pure white; large, long stems. Pkt. 10c.; large pkt. 25c.

Giant-flowering Hybrids, Mixed. All-America Winner. Giant blooms in an unusual number of rare colors. Pkt. 10c.; large pkt. 30c.

Finest Mixed. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.



Scabiosa, Peach Blossom

SCABIOSA • Perennials

Hardy Perennials.

2 to 2½ ft.

Handsome border plants flowering the entire season. As the seed of perennial *Scabiosa* is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids, Mixed. Isaac House Strain. A great improvement in the *Caucasica* type, with larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. Pkt. 25c.; large pkt. 75c.

Columbaria anthemifolia, Rose-Pink. A low-growing variety, with flowers measuring 2 to 2½ inches across in a delightful shade of pink. Fine for cutting. Pkt. 25c.; large pkt. 60c.

Columbaria anthemifolia, Lavender. Pkt. 25c.; large pkt. 60c.

Caucasica. Soft blue. 3 ft. Pkt. 10c.; large pkt. 60c.

Caucasica alba. White. Pkt. 10c.; large pkt. 60c.

SALVIA • Scarlet Sage

Annuals.

1½ to 3 ft.

The *Salvia* is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers.

St. John's Fire. Blooms very early, but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth, and very uniform habit. Pkt. 35c.; large pkt. \$1.00; ¼ oz. \$1.75.

America (Globe of Fire). Dwarf, bushy, compact grower and very uniform in height and shape. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

Bonfire (Clara Bedman). Compact, bushy plants, producing erect spikes of the most brilliant scarlet flowers. 2 ft. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

Splendens. Tall-growing plants with bright scarlet flowers. 3 ft. Pkt. 10c.; large pkt. 60c.; ¼ oz. \$1.50.

Hardy Perennials.

3 to 4 ft.

Azurea grandiflora. Produces spikes of sky-blue flowers during August and September. Pkt. 15c.; large pkt. 60c.

Royal Blue Farinacea. A new improved strain. Very uniform in growth, with deep blue flowers. Pkt. 25c.; large pkt. 75c.

Blue Bedder. A new variety of *Farinacea*. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt. 25c.; large pkt. 75c.

Farinacea. A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt. 10c.; large pkt. 75c.



Schizanthus, Canada Giants

SALPIGLOSSIS • Painted Tongue

Hardy Annuals. 18 in.

A great favorite, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers. Blooms from early summer until late fall.

Rose, Crimson and Gold. Definitely a new color in Salpiglossis. The richly colored blooms are very large. Excellent for cutting. Pkt. 25c.; large pkt. 50c.

Emperor, Mixed. A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold. Pkt. 10c.; large pkt. 30c.

SCHIZANTHUS • Butterfly Flower

Hardy Annuals. 18 in.

Showy flowers of various colors, closely resembling some species of orchids.

Canada Giants. An extra select, large-flowered, compact greenhouse strain in splendid mixture. Pkt. 50c.; large pkt. \$1.25.

Dwarf Large-flowering, Mixed. A compact-growing variety and very free-flowering. Excellent for pots. Pkt. 25c.; large pkt. 75c.

Garraway's Hybrids, Mixed. Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt. 25c.; large pkt. 75c.

Giant Pansy-flowered. Large pansy-flowered blooms in a wide range of rich colors. Pkt. 25c.; large pkt. 75c.

Hybridus grandiflorus, Mixed. Compact, pyramidal plants, with flowers of many shades. Pkt. 10c.; large pkt. 50c.

Wisetonensis. Largely used as a pot-plant for the house. Flowers range from white with yellow center to pink with brown center. Pkt. 10c.; large pkt. 60c.

SHAMROCK, "True Irish." Pkt. 10c.; large pkt. 30c.; oz. \$1.25

SNAPDRAGON

See Antirrhinum, page 5.

SHASTA DAISY

Hardy Perennials. 2 to 2½ ft.

Alaska. Pure white, extra-large flowers. Excellent for cutting. Pkt. 10c.; large pkt. 40c.

New Double Giant White. A new double variety, excellent for cutting. Flowers are about 5 inches in diameter, on long, stiff stems, and have the appearance of a giant Aster. Pkt. 25c.; large pkt. 75c.

SOLANUM

Greenhouse Plants. 12 to 15 in.

Christmas Pepper. An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 10c.; large pkt. 50c.

Cleveland Cherry. Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. Pkt. 10c.; large pkt. 40c.

STATICE • Sea Lavender

Excellent plants, for either the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets. 2 ft.

Sinuata

Annuals. 2 ft.

Blue Lavender Rosea superba
Kampff's Tall Improved. Deepest blue. Early flowering.

White Yellow

Mixed. All colors.
Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

Suworowi. Russian or Rat-Tail Statice. Flowers bright rose color. Pkt. 10c.; large pkt. 25c.

Perennials. 2 to 2½ ft.

Caspia. The most beautiful of all perennial Sea Lavenders. Very vigorous, with 3-foot stems carrying innumerable lilac flowers. Pkt. 25c.; large pkt. 75c.

Dumosa. Novelty. A new variety, growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers. Pkt. 25c.; large pkt. 75c.

Latifolia. Large, deep blue flowers. Pkt. 10c.; large pkt. 60c.

SUNFLOWER • Helianthus

Annuals. 4 to 8 ft.

Well-known and popular plants, the small-flowering sorts being used for cutting and the tall varieties valuable for backgrounds.

Small-flowered

Cut-and-Come-Again. Single, golden yellow flowers with petals twisted like a cactus dahlia. Pkt. 10c.; large pkt. 25c.; oz. 50c.

Stella. Flowers single, golden yellow, with black centers. Invaluable for cutting. 4 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

Large-flowered

Double Globe (H. annuus globosus fistulosus). Large double yellow flowers. 6 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

Dwarf Double (Globe of Gold). Yellow flowers. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

New Red. Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Russian Mammoth. Immense, single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c.; oz. 15c.

SUN-PLANT. See Portulaca, page 18.

SWEET ROCKET

Hesperis matronalis

Hardy Perennial. 3 ft.

Mixed. Pure white, fragrant flowers. Pkt. 10c.; large pkt. 30c.

SWEET WILLIAM

Dianthus barbatus

Hardy Perennials. 1½ ft.

One of the finest hardy perennial garden plants; of easy culture; thrives in any good garden soil. Forms fine clumps and produces excellent effects in beds and borders.

★Dwarf or Alpine. A fine new strain of excellent dwarf type. The flower-heads are very large and the color-range a selection of many bright and dark shades. Pkt. 25c.; large pkt. 60c.

Sutton's Giant White. The finest large-flowering pure white Sweet William. Pkt. 25c.; large pkt. 40c.

Auricula-flowered, Mixed. A beautiful class of "eyed" single varieties. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

Holborn Glory. Giant-flowered Auricula mixed. Pkt. 15c.; large pkt. 40c.

Purple Beauty. Bright deep purple. Pkt. 15c.; large pkt. 40c.

Crimson. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

Newport Pink. Salmon-pink. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

Scarlet Beauty. Deep scarlet. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

Velvety Maroon. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

White. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

Single, Mixed. All colors. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

Double, Mixed. Pkt. 10c.; large pkt. 40c.; ¼oz. \$1.25.

Annual.

Single, Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

ALL PRICES SUBJECT TO MARKET CHANGES



Sunflower, Stella

Sweet Peas are a guarantee of fragrance

MICHELL'S SPENCER OR ORCHID SWEET PEAS

Sweet Peas are one of the daintiest of garden flowers. In captivating colors, these fine large-flowering varieties will appeal to all.
One ounce required for 15-foot row

Spring-Flowering or Hot-Weather Sweet Peas New Cuthbertson Strain

Now you can grow better Sweet Peas. More heat resistant! Huskier vine growth! Extra long stems! Sparkling colors! This new strain is excellent for outdoor planting. If seed is sown in March, the plants will remain in bloom during very hot weather, up until August. Strong, tall growth, very free flowering; excellent for cutting. These new Sweet Peas are a "must" for every garden.

Coline. Vivid, intense scarlet.

Evelyn. Extra long stemmed; soft salmon-pink.

Frank G. Fine soft rosy lavender. Named for the originator of the new Cuthbertson strain.

Janet. Large frilled flowers of pure white are carried on long heavy stems. Black seeded.

Jessie. Soft lilac-mauve. Very rich coloring.

Lois. Pure rich rose-pink; huge flowers.

Tommy. A clear mid-blue; very beautiful.

Choice Mixed. A well-balanced mixture of the above colors.

Any of above, pkt. 25c.; $\frac{1}{2}$ oz. 50c.; oz. 90c.

Novelty Varieties

New Early Dwarf Spencer, Bo-Peep. A new dwarf type growing 18 inches high. The color of the flowers is a rich salmon-pink, making a gorgeous show when planted in solid beds. Pkt. 25c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

Blue and Purple

Fortune. Rich dark blue.

Mrs. Tom Jones. Bright delphinium-blue.

Royal Purple. Rich purple. One of the finest varieties.

Windsor Blue. Finest mid-blue. Good stem and flower.

Cream

Cream Gigantic. Largest cream; black-seeded.

Deep Pink or Rose

Cheerie-O. A mammoth-flowering, deep begonia-rose. Pkt. 15c.; oz. 50c.

Maytime. Rich golden cerise that will not burn in the sun. Pkt. 15c.; oz. 50c.

Pinkie. Extraordinary large rose-pink flowers.

Lavender

Gleneagles. Large; lavender.

King Lavender. Fine, clear lavender. Excellent variety.

Light Pink

Bonny Briar. Sparkling rose-pink; immense size.

Diana. Rose on cream; immense.

Orange and Salmon

Debutante. Salmon shaded coral. Giant flowered.

Peggy Ann. A rare new shade of attractive salmon-pink.

Golden Dragon. A very large, duplex-flowered orange. Pkt. 15c.; oz. 50c.

Salmon Gigantic. Giant salmon-pink.

Scarlet

Crimson King. Giant; deep carmine.

Huntsman. Bright scarlet.

Welcome. Giant flower. Brilliant sun-proof scarlet.

White

Avalanche. Glistening pure white.

Constance Hinton. Large flowering; white. Black-seeded.

Gigantic. Black-seeded white, extra-large wavy flowers.

King White. Gigantic pure white flowers.

Any of the Spencer varieties, except where noted: Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00.

MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. We have blended it ourselves from only Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.



Sweet Pea, New Cuthbertson Strain

Michell's Early-Flowering Spencer Sweet Peas

Michell's Exclusive Introductions

Top Sergeant. Deep blood-red-crimson, large bold-faced flowers with extra-long stems. An extra-early variety, undoubtedly the truest crimson Sweet Pea. Pkt. 25c.; $\frac{1}{2}$ oz. 50c.; oz. 85c.

Forest Fire. Giant bright orange-scarlet, duplexed flowers that will not burn. This new Sweet Pea is very worth while. Pkt. 25c.; $\frac{1}{2}$ oz. 50c.; oz. 85c.

Gorgeous. Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent large duplexed flowers are produced in fours and fives on long stiff stems. Pkt. 25c.; $\frac{1}{2}$ oz. 50c.; oz. 85c.

Lady Luck. Vivid carmine-rose, suffused with purple; large, perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. Pkt. 25c.; $\frac{1}{2}$ oz. 50c.; oz. 85c.

Bridesmaid. A delicate, sparkling shade of silver-pink, as vigorous, healthy, slim, and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower for large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

Daphne. Soft salmon-pink on cream ground. Giant flowers. Pkt. 25c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

Eileen. Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives Eileen a brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

(Sweet Peas continued on Page 24)

ALL PRICES SUBJECT TO MARKET
CHANGES

MICHELL'S EARLY-FLOWERING SPENCER SWEET PEAS, continued

Eleanor Blue. Another good novelty in the new and popular Eleanor blue shade—a clear light blue with a silver sheen. Flowers large, frilled, and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Fragrance. This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. The extra-large, clear lavender self blooms come on long stems. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Grenadier. Dazzling scarlet. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Hope. The finest black-seeded pure white to date. Flowers of mammoth size. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Navy Blue. A new color in the earlys, and one that has long been wanted. Blooms are rich dark blue with four to a long, strong stem. Vigorous grower. Pkt. 25c.; ½oz. 40c.; oz. 75c.

Michell's Rose Wonder. Beautiful, clear; rose-pink color on a light ground. Pkt. 25c.; ½oz. 60c.; oz. \$1.00.

Shirley Temple. Brilliant rich rose-pink. Four large flowers on each stem. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Treasure Island. Sparkling glowing orange. Very strong growing, throwing a majority of four flowers on 15 to 16-inch stems. Pkt. 25c.; ½oz. 40c.; oz. 75c.

Valencia. A bright orange in color and absolutely sunproof. Stems long. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Michell's Early-Flowering Spencer, Mixed. Pkt. 10c.; ½oz. 40c.; oz. 75c.

STRAWFLOWER

See Helichrysum, page 12.

MICHELL'S "DISTINCTIVE" STOCKS

Michell's Early-Flowering "Nice"

An early-flowering strain of branching habit and a remarkably free bloomer. Large, double, fragrant flowers.

Choice Mixed. All colors. Pkt. 15c.; large pkt. 50c.

Early Giant Imperial Stocks Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers on huge spikes. Individual florets measure 2 inches or more in diameter.

Antique Copper. New. Rich hellebore-red—a new and attractive shade.

Apple Blossom. Blush-pink.

Buttercup. A deeper shade than canary-yellow.

Canary-Yellow (Golden Ball) Chamois. Ivory, tinted old-rose.

Dark Blue. A new shade.

Elk's Pride. New shade in this early group—an intense royal purple.

Fiery Blood-Red. Extra fine.

Golden Rose.

Lavender.

Lilac.

Mammoth Rose. Exclusive Michell Introduction.

Rose. Deep rose-pink.

Rose Charm. Rich, deep rose.

Roselight. Bright rose.

White.

Mixed Colors.

Any of above, pkt. 25c.; large pkt. 50c.

New Giants of California

This magnificent new group is so marked in improvement that we believe they will head the list in forcing Stocks in the very near future. Giants of California are very early flowering with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 2½ to 3 feet.

Golden Gate. Clear golden yellow.

Monterey. Bright pink.

Pacific. Light blue.

Redwoods. Blood-red.

Santa Barbara. Chamois.

Santa Maria. Pure white.

Tahoe. Lavender.

Yosemite. Rose.

Splendid Mixture.

Any of above, pkt. 25c.; large pkt. 50c.

Giant Column Non-Branching Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height. Blooms about 10 days earlier than Bismarck.

Michell's Rose Beauty. A fine new variety with exceedingly large double florets. The color is a clear La France-rose-pink—a very popular shade. We believe this Stock to be the outstanding pink in this type.

Ball Blue. Dark lilac-blue.

Ball Pink No. 11. Rose-pink.

Ball White.

Chamois-Rose.

Illusion. Scarlet-red.

Rose-Pink.

Silvery Lilac.

Yellow Wonder. The color is a rich cream yellow.

Mixed Colors.

Any of above, pkt. 25c.; large pkt. 85c.

Virginian Stock • Malcomia

Mixed. An easy-growing border annual with small lilac, red, or white flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Stocks

Large-Flowered Dwarf Ten-Weeks

Leading variety for bedding out for summer blooming; also fine for pots. 1 ft.

Blood-Red	Pink
Dark Blue	White
Light Blue	Yellow
Mixed	

Any of above, pkt. 10c.; large pkt. 40c.

ALL PRICES SUBJECT TO MARKET CHANGES

Violas are perfect for edging

TAGETES • Single Marigold

Annual. 6 to 8 in.
Signata pumila. A dwarf, compact, bushy Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

TAHOKA DAISY

Annual. 12 in.
Beautiful, free flowering; with fern-like foliage. The daisy-like flowers are lavender-blue and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination we suggest putting the seed in a refrigerator for a week or ten days. Pkt. 25c.; large pkt. 75c.

THALICTRUM

Hardy Perennial. 4 to 5 ft.
Finely cut ornamental foliage.
Dipterocarpum. Flowers rosy purple, with yellow anthers. Pkt. 10c.; large pkt. 75c.

THERMOPSIS

Hardy Perennial. 4 ft.
Caroliniana. Yellow lupin-like flowers. Pkt. 10c.; large pkt. 60c.

THUNBERGIA • Black-eyed Susan

Annual.
Mixed. Rapid growing. Pretty vine for trellises, fences, also for window-boxes. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

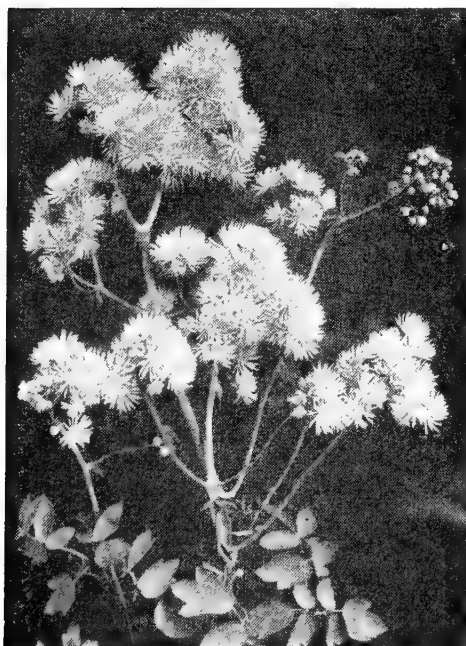
TITHONIA

Annual. 6 ft.
Speciosa. Mexican Sunflower. A native of Mexico. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut-flower. This variety is late flowering and must be started early. Pkt. 10c.; large pkt. 40c.

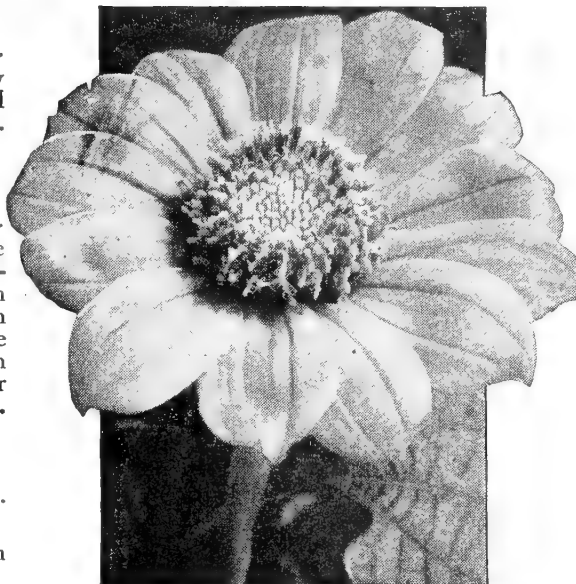
TORENIA

Annual. 12 in.
Fournieri grandiflora. Flowers all summer. Fine for vases, hanging-baskets, borders, etc. Sky-blue with yellow centers. Pkt. 10c.; large pkt. 60c.

ALL PRICES SUBJECT TO MARKET CHANGES



Thalictrum



Tithonia

TRITOMA • Kniphofia Red-Hot Poker

Hardy Perennial. 2 ft.
Hybrida, Mixed. Free flowering, with large spikes of flowers. Pkt. 10c.; large pkt. 60c.

TROLLIUS • Globe-flower

Perennial. 20 in.
Europaes. Bright yellow. Pkt. 25c.; large pkt. 75c.

VENIDIUM

Monarch of the Veldt

Annual. 18 in.
Fastuosum Hybrids, Mixed. Colors range from apricot to deep golden orange. Pkt. 25c.; large pkt. 60c.

★VIOLA

Biennials. 6 in.
Arkwright Ruby. Ruby-red with terracotta shadings. Very fragrant. Pkt. 25c.; large pkt. 75c.

Jersey Gem. The finest Viola of all. Pure rich violet flowers. Dwarf habit; continuous bloom. Pkt. 25c.; large pkt. 75c.

★Viola Cornuta • Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in September produces flowering plants the following spring.

Chantreyland. A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt. 25c.; large pkt. 75c.

Blue Perfection. Light blue. Pkt. 10c.; large pkt. 75c.

White Perfection. Large; white. Pkt. 10c.; large pkt. 75c.

Yellow Perfection. Golden yellow. Pkt. 10c.; large pkt. 75c.

Mixed. All colors. Pkt. 10c.; large pkt. 60c.

★Viola • Scotch Bedding Pansies

Mixed. Produces larger flowers than V. cornuta. Pkt. 25c.; large pkt. 75c.

VINCA ROSEA Madagascar Periwinkle

Annual. 18 in.
Dwarf bedding plants, easily raised from seed. Deep green, glossy foliage and bright single blossoms of striking beauty. Also suitable for pot-plants. Sow early.

Twinkles. Soft blush-pink, bright red eye; huge flowers.

Alba. White, with rose eye.

Alba pura. Pure white.

Kermesina. Bright red.

Rosea. Rose, with dark eye.

Any of above, pkt. 10c.; large pkt. 40c.

Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$2.50.

WALLFLOWER

Half-hardy Perennials. 2 ft.
Deliciously fragrant blooms. They should be protected in a coldframe in winter and planted out in spring.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 60c.

Early-flowering Double, Mixed. An extra-early variety, flowering from seed in 90 days. Pkt. 10c.; large pkt. 50c.

Single, Mixed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

1 1/2 ft.
Gold Standard. Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt. 10c.; large pkt. 75c.

Paris Extra-Early, Mixed. A single-flowering variety which may be treated as an annual, flowering the first year from seed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

XERANTHEMUM

Everlasting Flower

Annual. 12 in.
Double Mixed. For winter bouquets. Pkt. 10c.; large pkt. 40c.



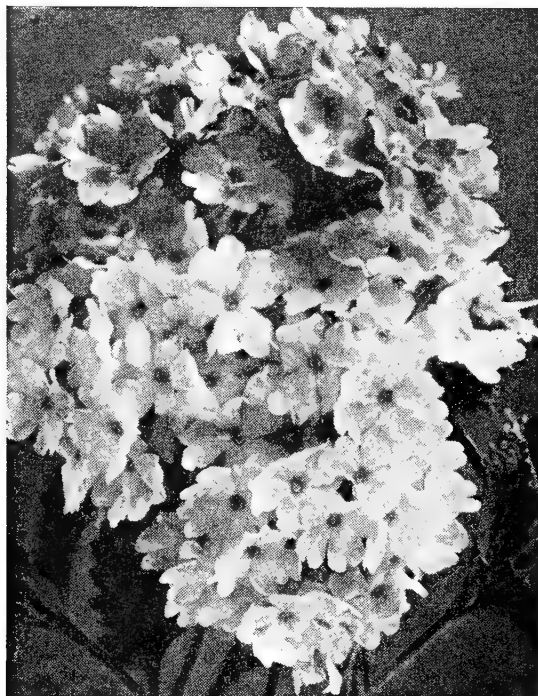
Wallflower, Paris Extra-Early, Mixed

For a bright display of color, plant Verbenas

MICHELL'S VERBENAS

Treat as Annuals.

1 to 4 ft.



Verbena, Dwarf Upright Michell's Exhibition

Dwarf Upright Michell's Exhibition

This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; 1/4 oz. \$2.00.

Grandiflora, Giant Salmon Queen New Bush Type

A broad, flat-topped, bushy plant about 8 to 10 inches high and 12 to 15 inches across. The flower-heads are large and well filled with broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8 to 10-inch straight stems and attractive color make it very desirable for bouquets. Pkt. 25c.; large pkt. 75c.

Hybrida Grandiflora Giant Varieties

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months.

Annapolis Blue. The first mid-blue Verbena that does not have a tendency to have a purple cast to the florets—a real deep Belladonna-blue. A strong husky grower with large trusses of 3-inch flowers. Pkt. 25c.; large pkt. 60c.

Brilliant. This new Verbena is a rich deep flame-rose with a medium-sized white eye that helps bring out the intense flame color. Pkt. 25c.; large pkt. 60c.

Crimson Glow. The deepest red shade available in this popular garden flower. A rich, glowing crimson, the flowers are a solid mass of color. Pkt. 15c.; large pkt. 60c.

Beauty of Oxford Hybrids, Mixed. Originator's Stock Seed. A fine giant hybrid resulting from a cross between Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. Pkt. 15c.; large pkt. 60c.

Etna. The finest and brightest color in Verbenas—an intense geranium-red with a small yellow eye; very large. Pkt. 15c.; large pkt. 60c.

Lavender Glory. A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas, being a true lavender, with medium-sized creamy white eye. Very fragrant. Pkt. 15c.; large pkt. 60c.

Lucifer. Large flowers of an intense deep cardinal-scarlet throughout. Pkt. 15c.; large pkt. 60c.

Luminosa. Gigantic blooms of flame-pink, toning to softer shades of pink and coral. Pkt. 15c.; large pkt. 60c.

Newport Salmon. Michell Novelty. An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Pkt. 15c.; large pkt. 60c.

Royale. Rich deep royal blue flowers of enormous size, with creamy yellow eye. Pkt. 15c.; large pkt. 60c.

Mammoth Fancy Verbenas

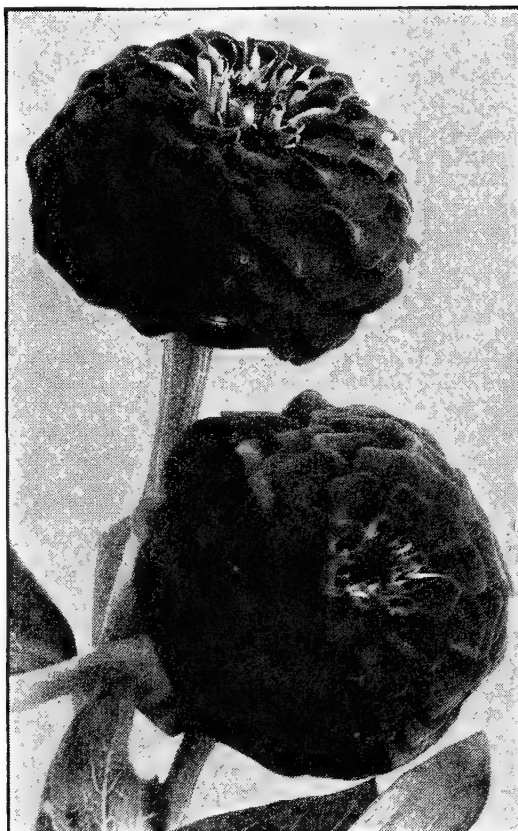
This strain produces trusses of large flowers of the most brilliant colors and shades.

Blue Shades	Pure White
Pink Shades	Mixed
Scarlet Shades	

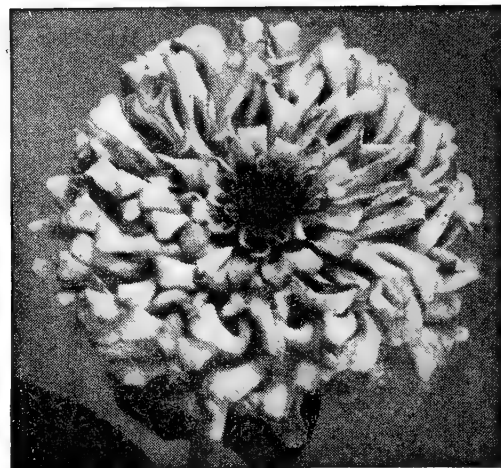
Any of above, pkt. 10c.; large pkt. 40c.; oz. \$2.00

Perennial. 12 in.

Venosa. Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt. 10c.; large pkt. 40c.



Zinnia, Black Ruby



Zinnia, Fantasy

XANTHISMA TEXANUM

Star of Texas

Annual. 18 in.

One of the prettiest annuals and deserves to be very popular. The light canary-yellow flowers are single, daisy-like, with long-pointed petals. Stems are wiry and excellent for cutting. Will do well in dry, open places. Pkt. 25c.; large pkt. 60c.

ZINNIAS

Youth and Old Age

Hardy Annuals. 6 to 30 in.

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

Howard's New Giant Crested Choice Mixture. A cross between the Dahlia-flowered and Scabious-flowered types. Magnificent shades of orange, orange-scarlet, yellow, rose, maize, and crimson. As cut-flowers they are without a peer. Pkt. 25c.; large pkt. 60c.; 1/4 oz. 75c.

Scabious-flowered

Autumn Tints, Mixed. The flowers range through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Pkt. 15c.; large pkt. 50c.; 1/4 oz. \$1.00.

Mixed. New. Medium-sized flowers resembling the annual scabiosa. Fine for cutting. Choice mixed colors. Pkt. 15c.; large pkt. 50c.; 1/4 oz. 75c.

Fantasy or Chrysanthemum-flowered Zinnias

Star Dust. Novelty. All-America Winner. It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich deep golden yellow. Plants grow 2 1/2 to 3 feet tall. The type is very free flowering and early blooming. Pkt. 15c.; large pkt. 50c.; 1/4 oz. 90c.

Wildfire. Rich dazzling scarlet. Free blooming, 2 1/2 to 3 feet in height. Pkt. 25c.; large pkt. 50c.

Mixed Colors. (Bodger.) Novelty. A new Zinnia, the rounded flowers of which are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest red and orange, as well as the popular pastel pinks and creams. Pkt. 15c.; large pkt. 50c.; 1/4 oz. 75c.

Zinnias of every type, size and color

California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type for cutting.

Brightness. Deep rose.
Cerise Queen. Orange-rose.
Daffodil. Canary-yellow.
Enchantress. Bright rose.
Golden Queen. Golden yellow.
Grenadier. Dark red.
Lavender Queen. Rosy lavender.
Miss Willmott. Soft pink.
Orange Queen. Golden orange.
Purity. Best white.
Salmon Queen. Salmon-rose.
Scarlet Queen. Deep scarlet.
Violet Queen. Purple.
Finest Mixed.

Any of above, pkt. 10c.; large pkt. 40c.; oz. \$1.75

COLLECTION

One pkt. each, our selection, of 12 colors.....\$1 00
 One pkt. each, our selection, of 6 colors..... 50

Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

Buttercup. Immense deep creamy yellow.

Crimson Giant.

Dream. Deep lavender, turning to purple.

Exquisite. Light rose, center deep rose.

Golden Dawn. Bright golden yellow.

Golden State. Orange-yellow.

Indian Summer. Mixture of crimson, cherry, flame, burnished copper, yellow, and white. A blend of dazzling colors, excellent for cutting.

Luminosa. A new shade of bright pink.

Old Rose.

Oriole. Orange and gold.

Polar Bear. Pure white.

Purple Prince. Large; deep purple.

Royal Purple. Deep rich reddish purple tones of this Zinnia are a charming reminder of the soft velvet of regal robes.

Scarlet Flame. Scarlet with blending of orange.

Any of above, pkt. 15c.; large pkt. 40c.; oz. \$2.00

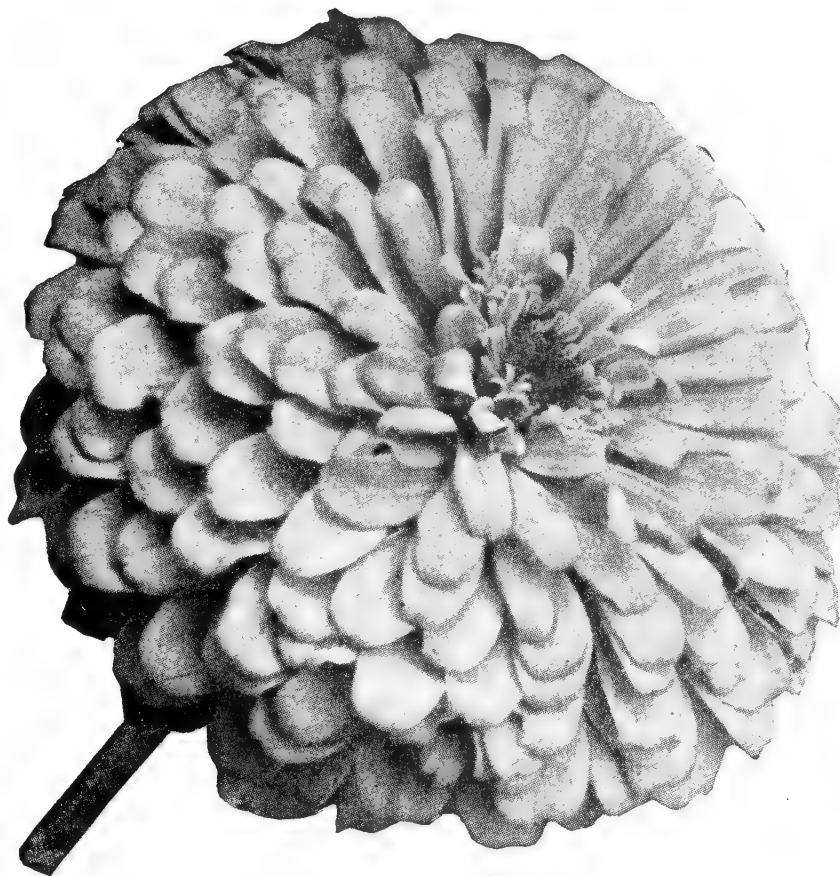
Mixed Colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

COLLECTION

One pkt. each, our selection, of 12 colors.....\$1 50
 One pkt. each, our selection, of 6 colors..... 75
 One large pkt. each, our selection, of 12 colors. 3 75

Super Crown of Gold Mixture

The flowers are large and each petal is overlaid with deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2½ feet. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.



Zinnia, California Giant

Zinnia Linearis

A very unusual and interesting new type of Zinnia. 8 to 10 in. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

Crimson	Scarlet
Flesh-Pink	White
Pinkie. Deep rose-pink.	Yellow
Salmon-Rose	Mixed

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.00

New Cupid

Small, button-like flowers. Well-formed, very free-flowering plants. 1 ft.

Finest Mixed. Pkt. 15c.; large pkt. 50c.; oz. \$1.75.

Haageana • Mexican Hybrids

Mixed. Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. Pkt. 15c.; large pkt. 50c.

Annuals sown late will restore garden luster. Marigolds, Phlox, Poppies, and Zinnias will return a wealth of natural color in late August, September, and October, with an added delight in providing flowers for the home.

Elegans • Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers.

Black Ruby. Bronze Medal, All-America Selections. Deep velvety maroon.

Canary-Yellow.

Crimson Gem.

Dainty Gem. New dainty bicolor rose.

Golden Gem.

Lilac Gem.

Purple Gem.

Rosebud.

Salmon-Rose.

Scarlet Gem (Red Riding Hood).

Valencia. A new shade of burnt-orange.

White Gem.

Mixed Colors.

Pastel Mixture. This new mixture is composed solely of delicate shades not found in the ordinary mixed type.

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.25

COLLECTION

One pkt. each, our selection, of 6 colors, 50c.

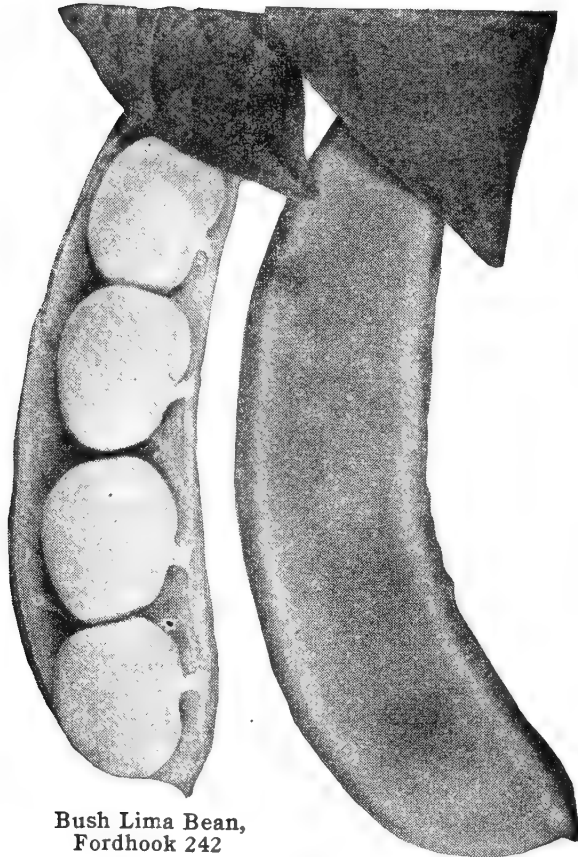
Annual Mixed or Wild Flower Garden Seed

This mixture includes a large number of varieties of easy-growing, beautiful and interesting annual flowers which will furnish a profusion of bloom throughout the entire summer and autumn. Many of them will be found useful for cutting. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Vegetable Seeds

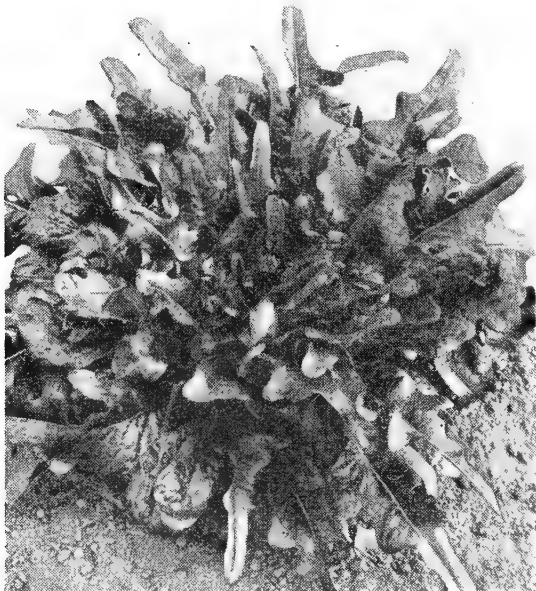
Gold Medal Winners and New and Improved Varieties of Vegetable Seeds for 1948



Bush Lima Bean,
Fordhook 242



Cucumber, Marketer



Lettuce, Bronze Beauty

BUSH BEANS

LOGAN. 52 days. A very prolific, high-quality Bean developed by the U. S. Department of Agriculture. Plant is vigorous and erect, resistant to powdery mildew and common mosaic. Pods set well in adverse weather; are 6 to 7 inches long, round, straight, stringless and fiberless; medium dark green in color and relatively resistant to spotting from bacterial blight. Pkt. 10c.; $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.50.

RANGER. 56 days. Bronze Medal, 1947 All-America Selections. An entirely new variety distinguished by its unusual habit of growth, disease resistance and high yield. Plant is of Refugee type, vigorous and prolific, resistant to common mosaic and downy mildew. Pods silvery green, round, straight and stringless, largely concentrated in the crown of the plant. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

CHEROKEE (Valentine Wax). 50 days. A new wax variety developed by the U. S. Department of Agriculture for its excellent productivity, quality and tolerance to Bean diseases. Plant is large and erect. The oval-shaped pods are 6 inches long, bright golden yellow, tender and stringless at all stages. Pkt. 10c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

BUSH LIMA BEANS

FORDHOOK 242. Bronze Medal, 1944 All-America Selections. The outstanding characteristic of 242 is its greater productivity, particularly under adverse conditions. It does much better in hot and humid weather than any other Fordhook type. The curved pods are uniform in size, with 3 to 4 thick-seeded Beans of excellent quality and flavor. The plant is as tall as the regular Fordhook but wider spreading and with more foliage. It is the heaviest yielder of the large bush Limas. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

CABBAGE

YELLOWS-RESISTANT GOLDEN ACRE. 64 days. Similar to the regular Golden Acre. Very desirable for planting on yellows-infested soil. Pkt. 15c.; $\frac{1}{2}$ oz. 45c.; oz. 85c.

CELERY

SUPER PASCAL. 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt. 25c.; $\frac{1}{4}$ oz. \$1.00; $\frac{1}{2}$ oz. \$1.75; oz. \$2.50; $\frac{1}{4}$ lb. \$8.25.

SUPER PLUME. 114 days. Like all our Super Strains of Celery, this is the result of years of careful and rigid selection. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other diseases far better than most strains. Pkt. 25c.; $\frac{1}{4}$ oz. 75c.; $\frac{1}{2}$ oz. \$1.25; oz. \$2.25; $\frac{1}{4}$ lb. \$7.25.

SUMMER PASCAL. 110 days. An early-maturing green Celery of superior quality that blanches to a pure white. The stems to first joint are 8 to 9 inches long. Pkt. 25c.; $\frac{1}{4}$ oz. 60c.; $\frac{1}{2}$ oz. 95c.; oz. \$1.75.

SUGAR CORN

EARLY WHITE. 60 days. An extra-early white Sweet Corn producing two large 12-rowed ears on each stalk. An excellent Corn for early market or home use. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

ERIE. 88 days. A new golden hybrid having long, cylindrical, slightly tapered ears, 12 to 14-rowed. Kernels are medium-narrow, tender, and of excellent quality and flavor. Stalks average $6\frac{1}{2}$ feet in height and are wilt resistant, sturdy and vigorous, showing good drought resistance. Adapted for freezing preservation. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

GOLDEN ROCKET. 60 days. A new early yellow hybrid Corn maturing in 60 days, producing ears of excellent quality, averaging 8 inches long, on vigorous stalks. Height 5 to 6 feet. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

GOLDEN GLORY. 78 days. An attractive hybrid with certain earworm tolerance; highly resistant to wilt. Plant is tall and sturdy, with nice 8-inch ears having 12 to 14 rows of light yellow kernels of excellent quality. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

IMPROVED GOLDEN BANTAM. 84 days. An excellent midseason Corn producing golden yellow ears 6 to 7 inches long, with 12 to 14 rows of sweet tender kernels. The stalks are 6 feet high, strong and vigorous. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

CUCUMBER

CELEBRITY. 66 days. Originated by Mr. William E. Vail, Yorktown Heights, N. Y. This beautiful Cucumber is the result of many years of painstaking effort on the part of Mr. Vail, who has been specializing in the growing of Cucumbers for over a quarter of a century. He believes that in this variety he has produced a Cucumber that no other can surpass in attractiveness and uniformity. The fruit will average $9 \times 2\frac{1}{2}$ inches, is slightly tapered at the ends and of an unfading deep green color. Flesh is pure white, crisp and entirely free from bitterness. The vines are vigorous, extremely prolific and highly resistant to disease. Pkt. only 25c.

MARKETER. 65 days. A fine new slender variety. Vines are vigorous and prolific. Fruits are 8 inches long and $2\frac{1}{2}$ inches in diameter. Very dark green, slightly tapered to each end. Notably uniform and trim in appearance. Pkt. 15c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

LETTUCE

BIBB. 60 days. A distinct variety with a crispness and flavor of its own. The heads are medium sized, the outer leaves deep glossy green, and the interior bleaches to a rich yellowish waxy green. Pkt. 15c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.25.

BRONZE BEAUTY. 40 days. Bronze Medal, 1947 All-America Selections. The bronze-shaded, crisp leaves are long, with margins deeply lobed and scalloped, and have an unusually tasty, nutlike flavor. The plants are vigorous, fast growing and resistant to hot weather. Pkt. 15c.; $\frac{1}{2}$ oz. 45c.; oz. 85c.; $\frac{1}{4}$ lb. \$2.50.

LETTUCE, continued

GREAT LAKES. 82 days. Bronze Medal, 1944 All-America Selections. A decidedly crisp heading Lettuce of the Imperial type. It is of excellent quality and exceedingly sweet and tender. A superior summer Lettuce that stands heat and sun and is exceptionally resistant to tip-burn injury. Very slow to shoot to seed. It does equally well in cool weather. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.50.

IMPERIAL NO. 44. 82 days. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

IMPERIAL NO. 847. 84 days. A brown-blight-resistant variety for summer planting. Heads are medium large, hard, fine and well covered by the leaves. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

OAK LEAF. 45 days. A beautiful golden green Lettuce of fine form and valuable because remarkably slow to shoot to seed. Makes attractive loose-leaf heads during the hottest summer weather; no other variety grows so well at that time of the year. The leaves are broad, deeply lobed like an oak leaf, thick, succulent and tender. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

SLOBOLT. 45 days. A new non-heading variety that is very slow to develop seed-stalks in hot weather. Especially desirable for home-garden use. Pkt. 15c.; ½oz. 50c.; oz. 90c.

MUSKMELON

HEARTS OF GOLD. 90 days. Mid-season. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

PRIDE OF WISCONSIN. 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

WATERMELON

GOLDEN HONEY. A truly fine yellow-fleshed variety. Oblong in shape, averaging about 20 pounds in weight. Rind is dark green, with irregular stripes of darker green. Flesh amber-yellow, tender and delightfully flavored. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

PEAS

LAXTON'S PROGRESS. 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

THOMAS LAXTON. 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

ONION

SWEET SPANISH. *Utab Strain.* 110 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

WHITE BUNCHING. 60 days. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

PEPPER

CALIFORNIA WONDER. 72 days. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.35.

TUSCANY. 66 days. A very early, large, and prolific variety, maturing three or four days earlier than Calwonder. Fruits are three to four lobed, thick fleshed and smooth; 4 inches long and 3½ inches in diameter at stem end. Plant is stocky and upright. Pkt. 15c.; ½oz. 95c.; oz. \$1.75.

WORLD BEATER NO. 13. 73 days. *New.* Introduced by the New Jersey Agricultural Experiment Station. This Pepper is immune to the most destructive disease of Peppers—mosaic. A prolific bearer of large, heavy-fleshed, dark green fruits which turn a ruby-red when fully matured. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

SQUASH

BUTTERNUT. 90 days. A fine variety of small winter Squash of recent introduction. The fruit is 10 to 12 inches in length, bottle shape, with a thick, solid, meaty neck and a very small seed cavity in bulbous end. The pale orange shell is smooth and hardy, with rich yellow meat. Pkt. 15c.; oz. 55c.; ¼lb. \$1.60.

TABLE QUEEN or ACORN. 58 days. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

ZUCCHINI. 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

SPINACH

OLD DOMINION BLIGHT-RESISTANT. 40 days. Produces an abundance of large, dark green, heavily crumpled leaves. Will stand for an extremely long time before seeding. Recommended for late fall planting for spring crop. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. \$1.50.

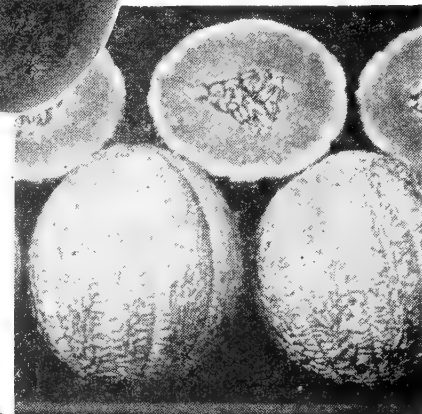
VIRGINIA BLIGHT-RESISTANT SAVOY. 39 days. A low-growing, spreading variety of vigorous growth, which is immune from disease. Exceedingly popular for market. Excellent for fall sowing. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. \$1.50.

TURNIP

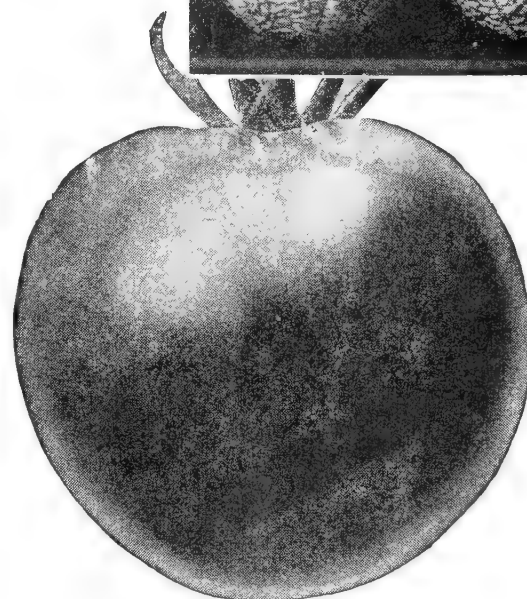
BUCKS COUNTY NECKLESS. 85 days. Although somewhat like American Purple-Top, this variety is earlier, with medium top and very small neck. Flesh is golden yellow, very fine grained, tender and sweet. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. \$1.90.



← Pepper, California Wonder



→ Muskmelon, Pride of Wisconsin



Tomato, Marglobe (Special Strain)

TOMATO

CRIMSON CUSHION or BEEFSTEAK. Non-acid. 90 days. A vigorous grower producing immense, solid, very meaty fruits. Pkt. 25c.; ½oz. 75c.; oz. \$1.40.

GOLDEN PONDEROSA. 88 days. The best large golden yellow variety. Early, smooth, of excellent quality. Pkt. 25c.; ½oz. \$1.00; oz. \$1.75.

MARGLOBE. Special Strain. 77 days. Variety of special merit, practically immune from the many Tomato diseases. Handsome scarlet fruits. Pkt. 15c.; ½oz. 45c.; oz. 85c.

RUTGERS. Special Strain. 78 days. A new introduction by the New Jersey Agricultural College. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; ½oz. 45c.; oz. 85c.

VALIANT. 57 days. An extra-large early market variety producing brilliant scarlet fruits of the globe type. It has a rather sparse, open vine, and therefore should mature most of its crop before the extreme heat. Pkt. 15c.; ½oz. 50c.; oz. 90c.

WHITE BEAUTY. Large size, ivory-white; fruit of excellent quality. Flesh is almost paper-white and absolutely free from acid. Pkt. 25c.; large pkt. 75c.

MICHELL'S VEGETABLE SEEDS

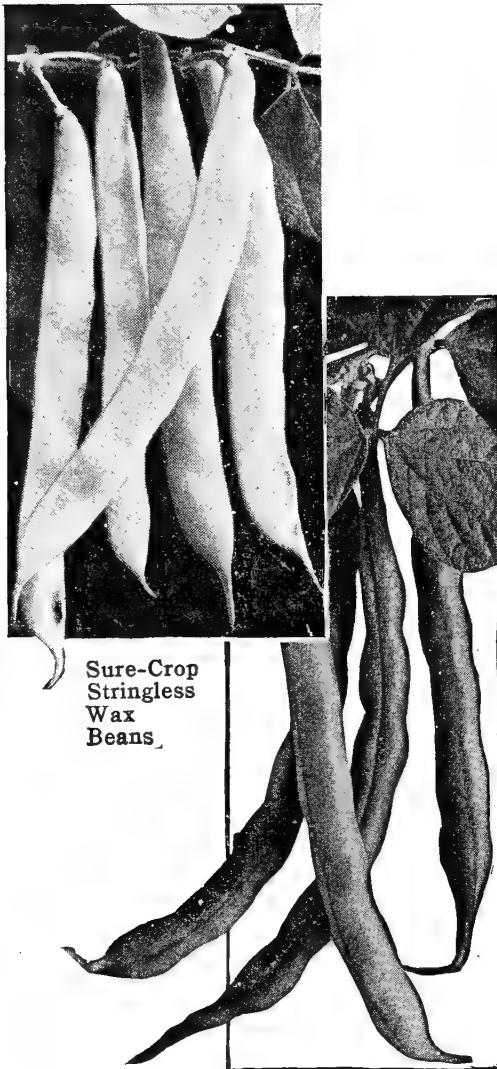
BEANS

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Every garden should have Beans, among the finest of all vegetables. They are appetizing, rich in vitamins, and delicious fresh, canned, or dried. Bush or Snap Beans grow quickly and yield heavily. The Pole type is the heaviest yielder over a long period.

Plant 90 pounds per acre; 2 pounds for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.



Sure-Crop Stringless Wax Beans

Stringless Green-Pod Beans

MICHELL'S DWARF BEANS

HARICOTS NAINS (Fr.) BUSCHBOHNEN (Ger.)
FAGINOLI NANI (Ital.)

Green-podded Varieties

Bountiful. 53 days. Flat-podded, stringless, tender and a prolific bearer. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Early Red Valentine. 52 days. An extra-early variety, maturing a crop in 40 to 50 days. Pods 5 to 6 inches long, round, thick, tender, and of good quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Giant Stringless. 53 days. Vigorous grower and a great producer of large, round pods, from 5½ to 6½ inches long. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Keystonian. 52 days. Honorable Mention, 1944 All-America Selections. This new dwarf green Bush Bean will become a favorite because of its combined productiveness, hardness and high quality. Pods are 6 to 6½ inches long, round, straight, stringless and of superb quality, making it suitable for canning, freezing, and home use. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Logan. 52 days. A very prolific, high-quality Bean developed by the U. S. Department of Agriculture. Plant is vigorous and erect, resistant to powdery mildew and common mosaic. Pods set well in adverse weather; are 6 to 7 inches long, round, straight, stringless and fiberless; medium dark green in color and relatively resistant to spotting from bacterial blight. Pkt. 10c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.50.

Longreen. This new variety is an improved strain of the popular Tendergreen Bean, the distinct difference being that the pods average an inch longer and it is a heavier producer. They are the same attractive type—round, stringless and fiberless, maturing at the same time. Plants are slightly larger and broader leaved. Pkt. 15c.; ½lb. 40c.; lb. 75c.

Masterpiece. 50 to 55 days. The leader among early greenhouse forcing varieties. Pods 7 x ¾ x ¼ inch. Light silvery green, straight, flat, almost entirely stringless and fiberless. Fine texture. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.50.

Ranger. 56 days. Bronze Medal, 1947 All-America Selections. An entirely new variety distinguished by its unusual habit of growth, disease resistance and high yield. Plant is of Refugee type, vigorous and prolific, resistant to common mosaic and downy mildew. Pods are silvery green, round, straight and stringless, largely concentrated in the crown of the plant. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Stringless Black Valentine. 49 days. An improvement over the old strain of Black Valentine. Pods long and slender, semi-round, and stringless. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Stringless Green-Pod. 50 days. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Tendergreen. 52 days. An early stringless variety with round pods at least 6 inches long. Ready for use 52 days after sowing. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Dwarf Varieties of Shell Beans FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state, like other sorts, when picked very young. Plant when ground is warm in spring and up to July 1, in rows 2 feet apart, Beans 3 inches apart in the row.

Boston Navy or Pea. 93 days. Snowy white variety of small size. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Long-Pod Broad or Fava. 75 days. An English Bean used in the dry state, shelled. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Dwarf Horticultural. 54 days. One of the best early Shell Beans. Thick, flat, stringless pods colored red and green; Beans large, round, and speckled. Pkt. 10c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.50.

Red Kidney. 95 days. Pods long, kidney-shaped, light red. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

White Marrow. 100 days. Larger than Boston Navy Bean and extensively planted for shelling for winter or for using in the green state. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Yellow-podded Varieties

Cherokee (Valentine Wax). 50 days. A new wax variety developed by the U. S. Department of agriculture for its excellent productivity, quality and tolerance to Bean diseases. Plant is large and erect. The oval-shaped pods are 6 inches long, bright golden-yellow, tender and stringless at all stages. Pkt. 10c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.20.

Improved Rustproof Golden Wax.

Rust-Resistant. 51 days. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Pencil-Pod Black Wax. 55 days. A round-podded, hardy, very early sort that is entirely stringless. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

ASPARAGUS

ASPERGE (Fr.) SPARGEL (Ger.)
SPARAGIO (Ital.)

Sow 5 pounds per acre for roots, or 1 ounce to 50 feet

A well-cared-for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1½ feet apart, from where it can be cut three years later.

Giant Washington. A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Paradise. New. Commercial growers claim this to be far superior to the Washington types. Pkt. 20c.; oz. 75c.; ¼lb. \$2.50.

Asparagus Roots

Ready about March 20 for spring planting;
about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

Giant Washington. 2-yr. roots, 50, \$2.50;
100, \$4.00; 1000, \$30.00.

Test your gardening skill by growing Lima Beans

Yellow-Podded Beans, continued

Round-Podded Kidney Wax. 58 days. Rust-resistant. Vigorous grower with fleshy, stringless pods. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Sure-Crop Stringless Wax. 53 days. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

POLE or RUNNING BEANS

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

HARICOTS A RAMES (Fr.) FAGIUOLI (Ital.)
STANGENBOHNEN (Ger.)

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward, and when up and established, thin out to 3 plants in a hill. One planting usually lasts for the season.

Green-podded Varieties

Decatur. 60 days. Silver Medal. Widely recommended for the garden and wherever Pole Beans grow. It is stringless, resistant to Bean rust, and of the early type. One of the heaviest bearers of them all. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.50.

Horticultural or Speckled Cranberry. 70 days. Long, pale green pods, which become streaked with red when mature. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Kentucky Wonder or Old Homestead.

65 days. In the South this variety is grown more extensively probably than any other. A tremendous yielder of long, round, tender and practically stringless pods. Ready for picking about 85 days from planting. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Scarlet Runner. 90 days. While used principally for its flowering qualities, this makes a fine winter Shell Bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt. 15c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.



Kentucky Wonder Pole Beans

POLE BEANS, continued

Yard-Long or Giant-podded Asparagus. 72 days. Produces an enormous crop of pods 2 feet or more in length, tender and of excellent quality. Pkt. 15c.; ½lb. 40c.; lb. 65c.

Yellow-podded Variety

Kentucky Wonder Wax. 65 days. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Edible Soy Beans

Bansei. 95 days. An early home-garden variety fine for green shelling, not susceptible to shattering. They are a delectable vegetable, either green or dry, and well worth adding to your garden. Soy Beans can be cooked and served similar to Lima Beans. They are prolific and highly resistant to disease and insects. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

LIMA BEANS

HARICOTS A RAMES (Fr.)
STANGENBOHNEN (Ger.)
FAGIUOLI DI LIMA (Ital.)

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-manure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

Carpinteria. 88 days. Retains its green color in all stages of growth, even after being dried, and combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Challenger or Dreer's Improved. 92 days. Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Giant-podded. 90 days. Heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

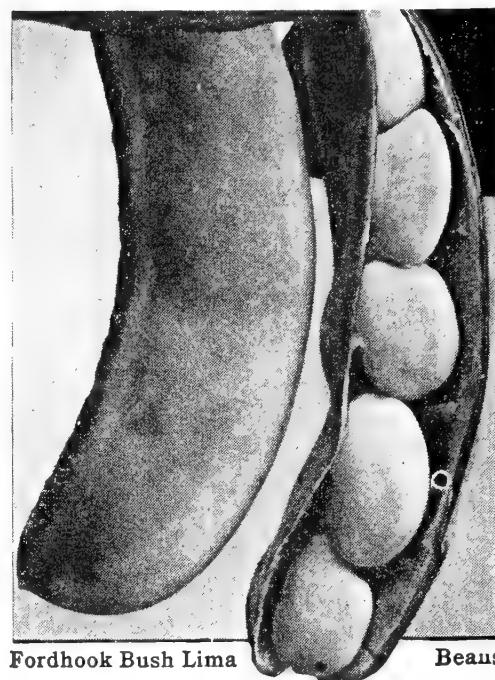
King of the Garden. 88 days. An old-time favorite. Sturdy grower, exceedingly productive and of good flavor. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Carolina or Sieva. 77 days. Produces small flat Beans of fine quality. Heavy yielder. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

CEDAR BEAN-POLES (Pointed). Extra-selected quality, about 10 feet long. 12 for \$3.50; 25 for \$6.50; 50 for \$12.00; 100 for \$20.00.

SPECIAL ATTENTION

Vegetable Seed prices listed in this Catalog have been formulated according to the proposed regulation of the Office of Price Administration. If there are any changes subsequently made by the OPA our prices will be adjusted to conform with their regulation.



Fordhook Bush Lima

Beans

Bush or Dwarf Lima Beans

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties. Plant in rows about 30 inches apart, spacing them 4 inches apart in the row and covering to the depth of 1½ inches.

Cangreen. 66 days. Green-seeded Lima notable for the green color of the fleshy part of the seed in the dry stage, making it very attractive for canning. Highly recommended for freezing preservation. Pkt. 15c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Baby Fordhook. 72 days. Plant small but branchy and vigorous; pods very numerous, tightly filled with 3 or 4 small plump seeds of high quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

Burpee's Improved. 77 days. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Fordhook 242. Bronze Medal, 1944 All-America Selections. The outstanding characteristic of 242 is its greater productivity, particularly under adverse conditions. It does much better in hot and humid weather than any other Fordhook type. The curved pods are uniform in size, with 3 to 4 thick-seeded Beans of excellent quality and flavor. The plant is as tall as the regular Fordhook but wider spreading and with more foliage. It is the heaviest yielder of the large bush Limas. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Fordhook. 75 days. Distinct, upright, vigorous growth; pods borne in clusters well above the ground and frequently contain 4 thick, luscious Beans. Matures early and continues in bearing until frost. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Henderson's. 67 days. Dwarf, compact-growing variety; large clusters of pods containing very small, flat Beans. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 109.

MICHELL'S CHOICE BEET SEED

BETTERAVE (Fr.) SALATRUBE (Ger.)
BARBABIETOLA (Ital.)

One ounce will sow a row 50 feet long;
5 pounds, an acre

Beets are tasty, a pleasing addition to your menu. The Beet tops can also be used, having an unusually high food-value, being rich in Vitamins A and C, with a goodly percentage of calcium and iron.

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin to stand 4 inches apart in the row. For an early crop in hotbed sow the seed in early March, while for a winter supply sow about July 10 outdoors.

Crimson Globe. 56 days. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 85c.; lb. \$2.50.

Crosby's Egyptian, Special Strain. 51 days. A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00.

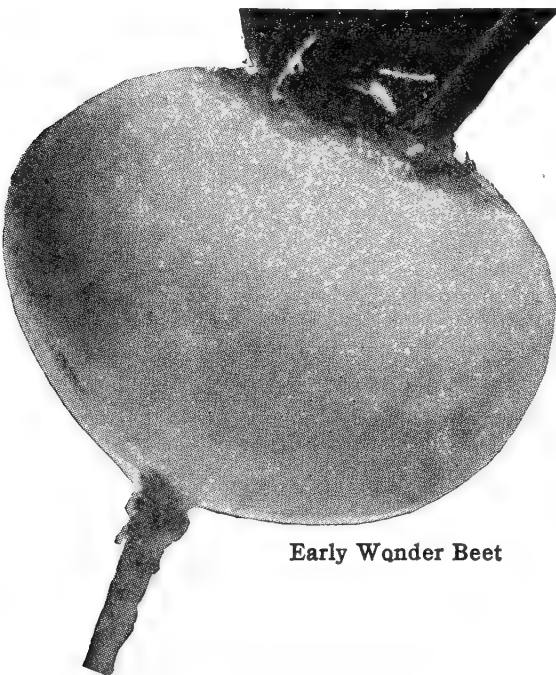
Crosby's Egyptian. Usual Strain. 51 days. Especially desirable on account of its rich blood-red color throughout. Early, and one of the best table Beets. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 85c.; lb. \$2.50.

Detroit Dark Red, Michell's Special Strain. 56 days. Carefully reselected seed from the choicest, most uniform roots. Found superior to the usual type of Detroit Beet. Pkt. 15c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.45.

Detroit Dark Red. Usual Strain. 56 days. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00.

Early Wonder. 58 days. Extra-early, globe-shaped, with deep blood-red, tender flesh. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 85c.; lb. \$2.50.

Winter Keeper. 78 days. Top-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. 95c.; lb. \$3.00.



Early Wonder Beet

Mangel-Wurzel

Sow 5 pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best for Mangel-Wurzels.

Golden Tankard. 102 days. The best long yellow Mangel. Matures earlier than other large sorts. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.20.

Lane's Improved White Sugar. 100 days. Attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.20.

Mammoth Long Red. 110 days. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.20.

SWISS CHARD

Spinach Beet

POIRE (Fr.) BEISSKOHL (Ger.)
BIETA (Ital.)

One ounce will sow a row about 50 feet long

Can be used in five weeks after sowing, and is a continuous crop until killed by frost. Cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. Chard is served like spinach which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

Dark Green Curled. 55 days. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Giant Lucullus. 50 days. Very tall-growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Fordhook Giant. 55 days. A recent introduction of real merit. The leaf is dark green, heavily crumpled as in Lucullus. Midrib is wide and thick, with a good white color. The plant is strong, sturdy and a good grower. Pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Swiss Chard Rhubarb. 60 days. A delicious Chard having a bright rich crimson leaf-stalk that resembles rhubarb, and dark green crumpled leaves, veined with crimson. Pkt. 15c.; oz. 50c.

BORAGE

An herb whose leaves are used as a salad. Pkt. 15c.; $\frac{1}{4}$ oz. 60c.; $\frac{1}{2}$ oz. \$1.00; oz. \$1.50.

BRUSSELS SPROUTS

CHOU DE BRUXELLES (Fr.) ROSEKOHL (Ger.)
BERZA DE BRUSSELS (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. Best for cooking after slight frost.

Mammoth Fancy. 90 days. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt. 25c.; $\frac{1}{2}$ oz. \$1.25; oz. \$2.00.

Long Island Improved. 90 days. Compact heads. Very productive. Pkt. 15c.; $\frac{1}{2}$ oz. 50c.; oz. 90c.

Matchless Improved. 90 days. Pkt. 25c.; $\frac{1}{2}$ oz. \$1.25; oz. \$2.00.



Italian Broccoli

BROCCOLI

BROCCOLI (Fr.) SPARKELKOHL (Ger.)
BROCOLI (Ital.)

One ounce will produce 3000 plants

Resembles cauliflower and often grown where the latter does not thrive. Culture is similar.

Early Green Calabrese. 70 days. The standard variety for home or market garden. The plant is tall, with central head and numerous side sprouts. When the central head is cut, the side sprouts shoot out small clusters that continue to furnish heads over a long season. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25.

Rapa or 40-Day. A very early type of sprouting Broccoli producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 10c.; $\frac{1}{2}$ oz. 20c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00.

CARAWAY

Herb used for flavoring, etc. Pkt. 15c.; $\frac{1}{2}$ oz. 50c.; oz. 90c.

Chinese or Celery Cabbage

A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2½ feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

Chihili (Improved Pekin). 75 days. Early and dependable in heading. Head 3 to 4 inches thick, tapered at tip, solid, blanches well, sweet and tender. A superior variety. Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

Wong-Bok. 85 days. Does not grow as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

LAGS RABBIT CHASER. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle with directions, 50c.



Chantenay Carrots

MICHELL'S CHOICE CARROT SEED

CAROTTE (Fr.) MOHRRUBE (Ger.)
CAROTA (Ital.)

One ounce will sow 100 feet of drill;
3 to 4 pounds, an acre

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June.

California Bunching. 77 days. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.50.

Chantenay Half-Long, Special Strain.

72 days. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.35; lb. \$3.75.

Chantenay Half-Long. Usual Strain. 72 days. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

Coreless or Nantes Half-Long. 70 days. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.35; lb. \$3.75.

Danvers Half-Long. 75 days. The best for general-crop variety; a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.75.

Early Scarlet Horn. 64 days. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt. 15c.; ½oz. 35c.; oz. 55c.; ¼lb. \$1.75.

Guerande or Oxheart. 72 days. A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 3 to 4 inches long. Flesh rich orange, of fine flavor. Pkt. 10c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.25.

Imperator. 77 days. The roots are 7 to 8 inches long, tapering gradually toward the tip. The fine-grained deep orange flesh is exceptionally mild and of sweet flavor. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

Improved Long Orange. 88 days. Deep orange, 10 inches long. Yields heavily. Fair table quality; best for stock-feeding. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

MICHELL'S CHOICE CABBAGE SEED

CHOU POMME (Fr.) KOPF KOHL (Ger.) CAVOLO CAPPuccio (Ital.)

One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Our strains, the very best to be had, are selected from specimen heads in well-rogued fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

Early Cabbage

Allhead. 78 days. The largest of the early Cabbages. Head roundish flat and remarkably solid; excellent for winter as well as early spring. Pkt. 15c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.65.

Charleston or Large Wakefield. 74 days. Similar to Extra-Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

Copenhagen Market. 69 days. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 pounds. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

Extra-Early Jersey Wakefield. 63 days. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt. 10c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.50.

Glory of Enkhuizen. 80 days. Regarded as the standard midseason variety. Well adapted for kraut purposes. Head is 9 inches in diameter, solid, round, of very fine quality. A sure cropper. Pkt. 10c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.50.

Golden Acre. 64 days. Dwarf plants and round, solid, uniform heads, averaging 3 pounds in weight. Has few outer leaves, making it suitable for close planting. Pkt. 10c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Green Acre. 66 days. An entirely new type of extra-early, round-headed Cabbage. The only white variety which possesses an inherent green-colored surface of head. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Yellows-Resistant Varieties

These are highly recommended to yield satisfactory crops where other varieties fail because of Wilt or "Yellows."

Wisconsin All-Seasons. 90 days. Selected from All-Seasons. Late drumhead variety showing great resistance to mosaic disease and yellows. It is exceptionally hardy and will withstand drought and insects unusually well. Very heavy yielder. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Bugner. 100 days. One of the most popular of the green type of yellows-resistant Cabbage. Very large, slightly flattened, globe-shaped head weighing 8 to 10 pounds. Very high yielding and a good keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.65.

Detroit. 64 days. Similar to Golden Acre except slightly larger plant growth and not quite as uniform. Heads are round and solid; interior white and of good quality. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Golden Acre Resistant. 64 days. Similar to regular Golden Acre. Very desirable for planting on yellows-infested soil. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Wisconsin Ballhead. 85 days. A yellows-resistant strain selected from Danish Ballhead, practically identical in type and season. Round, solid, compact head with short stem and blue-green foliage. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.65.

Globe. 75 days. A yellows-resistant strain of Glory of Enkhuizen; of similar type and usage. Heavy yielder, widely used for kraut and shipping. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Jersey Queen. 66 days. The first of the resistant types to mature. In type and earliness similar to Jersey Wakefield. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

Marion Market. 79 days. A very large, round head; early, solid and of fine quality. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

Danish Red Ballhead. 105 days. Our strain of this popular yellows-resistant variety is similar to the Danish Ballhead type, differing only in color, which is purple-red becoming deeper with maturity. Pkt. 20c.; ½oz. 75c.; oz. \$1.50.

Wisconsin (Hollander). 105 days. A splendid late variety. Attractive, large, globular heads; very solid, weighing from 8 to 10 pounds. Splendid for winter and an excellent variety for kraut. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Red Hollander. 100 days. A uniform round head, late, purple-red Cabbage. Solid and compact from formation to maturity. Highly resistant to the yellows. Pkt. 20c.; ½oz. 60c.; oz. \$1.00; ¼lb. \$2.95.

Late or Winter Varieties

Danish Ballhead. Dwarf Stem. Unequaled for massiveness, weight, and keeping qualities. It is crisp, tender, and sweet. Does well under almost any condition of moisture or drought. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

Late Flat Dutch. 100 days. This seed has been selected especially for our trade from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

Mammoth Red Rock. 100 days. Good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Perfection Drumhead Savoy. 90 days. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Penn State Ballhead. 105 days. Exceptionally hard, flattened globe heads 6 to 7 inches deep. Very good for winter storage and kraut. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.



Charleston or Large Wakefield Cabbage

CAULIFLOWER

CHOU-FLEUR (Fr.) BLUMENKOHL (Ger.)
CAVOL FIORE (Ital.)

One ounce will produce about 3000 plants

Sow seed in hotbeds or window-boxes, in February or March, and transplant in cold-frames. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant or Dry Weather. 67 days. An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Later than other varieties. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00; ½oz. \$1.85; oz. \$3.50.

Early Snowball. 54 days. Fine for either forcing under glass in coldframes or outdoor spring planting. Magnificent, medium-sized, white heads. Pkt. 25c.; large pkt. 60c.; ¼oz. 95c.; ½oz. \$1.75; oz. \$3.25.

Early Purple Head. This is the best strain of purple Cauliflower, producing large, tight, uniform heads. Plants set out late in June are ready to cut about October 1. Pkt. 25c.; ¼oz. \$1.00; ½oz. \$1.85.

New White Wonder. 55 days. An improved strain developed and bred for the critical grower. Good-sized, very solid heads, fine-grained, pure snowy white which does not turn yellow, even in the bright sunlight. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

Snowdrift. 55 days. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00; ½oz. \$1.85; oz. \$3.50.

Super Snowball. 55 days. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large, compact, very white. Much used by produce growers and shippers. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

Veitch's Autumn Giant. 85 days. A very desirable, large, late variety. Pkt. 25c.; large pkt. 60c.; ¼oz. 85c.; ½oz. \$1.50.

Cauliflower Broccoli, Pearl Type, November. This variety is very similar to the late-maturing Cauliflower. Under proper conditions seed sown in June will produce large white heads in November. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

CARDOON

Large Smooth. 180 days. Grown for the fleshy leaf-stalks or midribs. Plants grow about 3 feet tall; grayish green color. Leaves may be tied to hasten blanching. Pkt. 15c.; ½oz. 40c.; oz. 75c.

CATNIP (Herb)

For making tea; a cat tonic, etc. Leaves and young shoots used for seasoning. Pkt. 15c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.00.

CELTUCE

80 days. Belongs to the lettuce family. When the light green leaves are young it may be used as lettuce and when the mature stalks are peeled of the tough outer skin they may be cooked or used as a raw vegetable like celery. Pkt. 15c.; ½oz. 55c.; oz. \$1.00.

CELERY

CELERI (Fr.) SELLERIE (Ger.)
SEDANO (Ital.)

One ounce will produce 3000 to 5000 plants;
½ pound will sow an acre

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seedbed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing place, will make shorter, stockier plants.

*Seeds offered on this page mailed
postpaid at quoted prices*

Super Fullheart. 107 days. During our search for the best, we found this strain of Easy-Blanching or Fullheart to be unsurpassed. Medium tall, compact, heavy, firm and crisp stalks. Excellent for hearts. Show considerable resistance to heart and root rot and blight. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

Super Pascal. 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt. 25c.; ¼oz. \$1.00; ½oz. \$1.75; oz. \$2.50; ¼lb. \$8.25.

Super Plume. 114 days. Like all our Super Strains of Celery, this is the result of years of careful and rigid selection. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other diseases far better than most strains. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

Summer Pascal. 110 days. An early-maturing green Celery of superior quality that blanches to a pure white. The stems to first joint are 8 to 9 inches long. Pkt. 25c.; ¼oz. 60c.; ½oz. 95c.; oz. \$1.75.

Easy-blanching. 110 days. *Usual Strain.* An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Emperor. 126 days. Dwarf-growing, very brittle, and of extra-fine flavor. A good winter keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

Golden Plume. 115 days. *Usual Strain.* Matures early and blanches quickly. Crisp, tender, stringless stalks of finest flavor. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

Golden Self-blanching. 114 days. The beautiful golden stalks attain a height of 1½ feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

Giant Pascal. 138 days. Thick, meaty, tender stalks of unsurpassed flavor. One of the best because of its long season, being fit for use in October and keeps well into spring. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Salt Lake or Utah. 127 days. An excellent green variety for all uses. Matures about a week or ten days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality, and rich nutty flavor. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

CELERY, continued

White Plume. 112 days. The standard early Celery for market and the home-garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Ready early in November. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Winter Queen. 132 days. A medium tall, solid variety that will retain its qualities long through the winter. The heart is very full and large. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

CELERIAC

This is a two-purpose vegetable; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

Giant Prague. 112 days. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

Celery for Flavoring

Not for sowing. ¼lb. 75c.

CHERVIL

One ounce of seed will sow a row about 100 feet long.

90 days. A pungent, aromatic plant used for garnishing and seasoning. Leaves are brilliant green, finely cut and curled, giving the appearance of parsley. Seed germinates slowly. Pkt. 10c.; ½oz. 30c.; oz. 50c.

CHIVES - Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt. 15c.; ¼oz. 55c.; ½oz. \$1.00; oz. \$1.75.

CHICORY

One ounce will sow a row 100 feet long

Magdeburg. 120 days. The long, smooth white roots are used as a substitute for coffee when roasted and ground. Leaves may be used for salad. Pkt. 15c.; ½oz. 40c.; oz. 65c.

Witloof or French Endive. 145 days. The roots are easily produced from seed, sown in May or June, in rows 1 foot apart; thin out the plants to 2 to 3 inches. They are taken up after a few hard frosts and only the top part used as a winter vegetable. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. Pkt. 15c.; ½oz. 40c.; oz. 65c.; ¼lb. \$1.65.

COLLARDS

One ounce of seed will produce 3000 plants

Extensively grown in the South and used as "greens" during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used; new ones then form on the upper part of the stem.

Georgia or Southern. 75 days. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.25.

Cabbaging. 70 days. A rich, tasty "green," long grown in the South, rapidly gaining in popularity in the North. Medium tall with clusters of loose-folding, tender leaves which can be picked as needed. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.25.

CORN SALAD - Fetticus

MACHE RONDE (Fr.) ACKERSALAT (Ger.)

This is principally sown for a supply of greens during winter and early spring months. Sow thinly in drills, early in the spring or fall. When cold weather approaches, cover with a litter of straw.

Large-leaved. Pkt. 15c.; ½oz. 40c.; oz. 75c.

MICHELL'S SELECTED SWEET SUGAR CORN

MAIS (Fr.) MAIS (Ger.) GRANO TURCO (Ital.)

One pound will plant about 150 hills;
12 to 15 pounds, an acre

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

Open Pollinated Types

Early White. 60 days. An extra-early white Sweet Corn producing two large 12-rowed ears on each stalk. An excellent Corn for early market or home use. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Black Mexican. 88 days. The grains of this medium-early variety cook white when young and a violet shade on the outside when older, but are good in both stages. Ears medium size. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Country Gentleman. 95 days. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unapproached. Ears large. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Golden Bantam. 79 days. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home-garden. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Improved Golden Bantam. 84 days. An excellent midseason Corn producing golden yellow ears 6 to 7 inches long, with 12 to 14 rows of sweet tender kernels. The stalks are 6 feet high, strong and vigorous. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Golden Country Gentleman. Similar to the well-known Country Gentleman, but having deep golden yellow kernels. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Golden Giant. 87 days. Ears about 11 inches long, well filled out from butt to tip with deep golden yellow grains. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Golden Sunshine. 74 days. Matures 7 to 10 days before Golden Bantam. Dwarf habit. Ears 6½ inches long with 12 rows of broad, yellow, sweet grains. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Stowell's Evergreen. 95 days. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Vanguard (Improved Howling Mob). 79 days. Height of stalk 5 to 5½ feet. Ears medium in length, thick, averaging 6 to 7 inches, short pointed; grains of average length, white, mostly in 12 to 16 rows. A favorite in New Jersey for a first-early Sweet Corn. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Hybrid Types

Alphagold. 60 days. A very fine Corn of outstanding quality. Earlier than Golden Bantam and generally twice as productive, the attractive 8-inch, 12-rowed ears command a premium on the market. We have never seen its equal, and it holds this fine quality two to three days longer than other Corns. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Aristogold. 83 days. Very satisfactory. It is tender, exceptionally well flavored, and produces a heavy crop. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

HYBRID TYPES, continued

Bantam Evergreen Hybrid. 95 days. A late yellow hybrid with large 14 to 16-rowed ears. Stalks grow 7 to 8 feet tall. More resistant and better than Bantam Evergreen. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Erie. 88 days. A new golden hybrid having long, cylindrical, slightly tapered ears, 12 to 14-rowed. Kernels are medium-narrow, tender, and of excellent quality and flavor. Stalks average 6½ feet in height and are wilt resistant, sturdy and vigorous, showing good drought resistance. Adapted for freezing preservation. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Golden Cross Bantam. 85 days. This hybrid of the Bantam type grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 or 14 rows of fair-sized kernels. Ready for use in about 86 days from planting. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Golden Glory. 78 days. An attractive hybrid with certain earworm tolerance; highly resistant to wilt. Plant is tall and sturdy, with nice 8-inch ears having 12 to 14 rows of light yellow kernels of excellent quality. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Golden Rocket. 60 days. A new early yellow hybrid Corn maturing in 60 days, producing ears of excellent quality, averaging 8 inches long, on vigorous stalks. Height 5 to 6 feet. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Hybrid Stowell's Evergreen Corn. 93 days. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root-growth, a sturdier stalk, is disease-resistant. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Ioana. 83 days. A fine uniform All-America Winner. The well-filled, light yellow ears are 8 inches long, 12 to 16-rowed. The suckerless stalks grow 6 to 7 feet tall, showing great resistance to drought. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

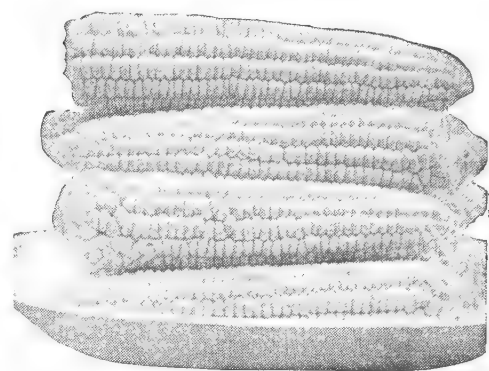
Lincoln. 83 days. 1942 Bronze Medal Winner. Tastiest ear of Corn grown today. Developed for home and market gardens. Stalks sturdy, highly resistant to Stewart's disease. Ears 12 or 14-rowed, well filled at tips; kernels golden yellow, of medium length and good flavor. Very prolific. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Marcross. 76 days. Stalks short but sturdy, highly resistant to Stewart's disease. Ears long, plump, abruptly tapered at tips, 10 to 14-rowed, with light cream-yellow, medium-broad kernels of good quality. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Spancross. 73 days. Stalk of medium height. Ear well filled, uniform, attractive, having 10 to 14 rows of golden yellow kernels of good quality. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Tendermost. 83 days. The clean golden 14-rowed ears are deliciously sweet and develop a brilliant color. They have plump, well-filled tips with deep kernels. It has a great degree of resistance to smut and is less damaged by earworms than most yellow Corn. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

Top Flight Bantam. 82 days. One of the outstanding winners from the All-America seed trials. This handsome 14 to 16-rowed yellow Sweet Corn generally produces two ears to a stalk. They are 9 inches long, well filled, tender and succulent. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.



Ioana Hybrid Sweet Corn

HYBRID POP CORN

These new hybrid Pop Corns will show a much larger yield and popping volume than the open-pollinated sorts.

White Giant. Deep, white, pointed kernels arranged in irregular rows on small cobs. Earlier and of better quality than the old variety. Pkt. 15c.; ½lb. 50c.; lb. 95c.

Golden Giant. A yellow variety similar to White Giant. Has a popping volume 25 per cent larger than the open-pollinated sorts. Pkt. 15c.; ½lb. 50c.; lb. 95c.

Pop Corn (Shelled)

Queen's Golden. Pops white. ½lb. 25c.; lb. 40c.; 3 lbs. \$1.10.

Snowflake. ½lb. 25c.; lb. 40c.; 3 lbs. \$1.10

CORIANDER

Herb used for flavoring, etc. Pkt. 15c.; ½oz. 30c.; oz. 50c.

CRESS

The Cresses furnish warm pungent flavor to salads and are useful for garnishings.

Garden Cress, Curled or Peppergrass. 45 days. A very hardy, fast-growing annual producing an abundance of attractive, finely curled, dark green foliage of a pleasant pungent flavor which is splendid for garnishing. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Upland. 45 days. Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. Pkt. 15c.; ½oz. 35c.; oz. 55c.

Water-Cress, True Erfurt. This may be sown early in spring near the brink of a pond of spring water or stream of running water. Scatter the seed and it will sprout and grow rapidly; once established, it remains for years, reseeding itself. Pkt. 25c.; ½oz. 95c.; oz. \$1.75.

DILL

An herb used extensively for culinary purposes and for putting with cucumbers when pickling. Grows 2½ feet high. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

FENNEL

Finocchio or Florence. Herb. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

Sweet. Herb. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25

HERBS

For list and descriptions, see pages 43, 81

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill. When the second set of leaves has formed, thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used, always wash the fruits thoroughly before using. If the foliage is attacked beneath by aphid or green fly, a spraying with Black-Leaf 40 is usually very effective.

MICHELL'S CUCUMBERS

CONCOMBRE (Fr.) GURKEN (Ger.) CETRIOLO (Ital.)

One ounce will sow 60 hills; 2 to 3 pounds, an acre

CELEBRITY

66 days

Originated by Mr. William E. Vail,
Yorktown Heights, N. Y.

This beautiful Cucumber is the result of many years of painstaking effort on the part of Mr. Vail, who has been specializing in the growing of Cucumbers for over a quarter of a century. He believes that in this variety he has produced a Cucumber that no other can surpass in attractiveness and uniformity. The fruit will average 9 x 2½ inches, is slightly tapered at the ends and of an unfading deep green color. Flesh is pure white, crisp and entirely free from bitterness. The vines are vigorous, extremely prolific and highly resistant to disease. Pkt. only 25c.

Cubit. 64 days. Bronze Medal, 1944 All-America Selections. A prolific, white-spined variety, dark green color, long, cylindrical shape. Small seed cavity; admirably adapted for slicing. Pkt. 15c.; oz. 45c.

A. & C. CUKE. 67 days. A proved leader for both home-garden and market-garden use. Fruits nearly cylindrical, 2¾ inches in diameter, 9 to 11 inches in length. Seed cavity exceptionally small. Very good slicer. Pkt. 10c.; oz. 45c.; ¼lb. \$1.35.

Arlington White Spine. 62 days. This is the leading sort for the home- or market-garden. Fruits smooth, deep green, uniformly 8 inches in length. Valuable for slicing or pickling. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Colorado. 68 days. Long; green. Popular because of excellent shape and good color. Unusually productive and highly resistant to disease. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Crystal Apple. 65 days. An amazingly attractive Cucumber, perfectly round, crystal-white at all stages, with a sweetness and lack of Cucumber flavor that is remarkable. Produces a tremendous number of fruit about the size of a lemon when mature. Pkt. 20c.; ½oz. 50c.; oz. 95c.

Davis Perfect. 65 days. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Early Fortune. 64 days. One of the finest Cucumbers of the White Spine type. The medium length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Early Market. 60 days. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Gherkin or Burr. For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Improved Long Green. 67 days. Well-known standard variety. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits average 1 foot in length. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Japanese Climbing. 66 days. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra-long, light green fruits in abundance. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

Lemon. 65 days. A very prolific variety producing an abundance of deep lemon-yellow fruit, 3½ inches long and almost as thick. Pkt. 20c.; ½oz. 50c.; oz. 95c.

Longfellow Forcer. 72 days. Extra long, dark green, fine quality. Handled properly will average 2½ inches in diameter and 15 inches in length. Suitable for both greenhouse forcing and outdoor culture. Pkt. 15c.; oz. 50c.; ¼lb. \$1.65.

Marketer. 65 days. A fine new slender variety. Vines are vigorous and prolific. Fruits are 8 inches long and 2½ inches in diameter. Very dark green, slightly tapered to each end. Notably uniform and trim in appearance. Pkt. 15c.; oz. 50c.; ¼lb. \$1.50.

National Association Pickling. 56 days. A highly desirable, very extensively used pickling strain. Fruits dark green, symmetrical, with thick walls, full ended. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Producer. 54 days. A very prolific white-spine pickling type of dark green color. Fruit slightly shorter than National Pickling. Pkt. 15c.; oz. 40c.; ¼lb. \$1.30.

Straight 8. 64 days. Fine dark green color, free of white tips. Grows 8 inches long by about 1½ inches thick and is of remarkably uniform straight shape. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

FORCING CUCUMBER

SPARTA. An excellent variety for growing under glass, producing long, smooth, handsome fruit of delicate flavor. Pkt. (10 seeds) 45c.; 100 seeds \$4.00.

DANDELION

PISSENLIT (Fr.) LOEWENZAHN (Ger.)
DENTE DE LEONE (Ital.)

Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

Italian (Cichoria Catalogna). A new introduction in this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is cut and bunched same as asparagus. Pkt. 15c.; ½oz. 35c.; oz. 60c.

Arlington Thick-leaved (French Broad-leaved). Also known as Improved Thick-leaved. The most popular variety. Plant rather upright, forming a 20-inch rosette of large, broad leaves which are thick and easily blanched. Pkt. 15c.; ½oz. 60c.; oz. \$1.10.

GARLIC SETS

AIL (Fr.) KNOBLAUCH (Ger.) AGLIO (Ital.)

One pound will sow 200 feet of row.

A hardy flavoring Onion used extensively in the French method of cooking. Lb. 65c.

ENDIVE . CHICORY

CHICOREE (Fr.) ENDIVIEN (Ger.)
INDIVIA (Ital.)

One ounce will sow 200 feet of row

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

Full-Heart Batavian (Escarolle). 71 days. Leaves broad, light green, nearly plain. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

Improved Green Curled. 73 days. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

White Curled (Self-blanching). 73 days. This is the finest White Curled variety; always crisp and tender. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

EGGPLANT

AUBERGINE (Fr.) EIERPFLANZE (Ger.)
PETONCIANO (Ital.)

One ounce will produce 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

Black Beauty. 80 days. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

Early Long Purple. 78 days. An early variety producing slender, dark purple fruit, 7 to 8 inches long and 2½ inches in diameter. Ideal for slicing. Pkt. 15c.; ½oz. 50c.; oz. 95c.

Florida High-bush. 85 days. A prolific high-bush type, bearing its dark purple fruits well above the ground. Has proved a good shipper. Gaining in popularity. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

Fort Myers Market. 85 days. The plants are of the high-bush type, carrying fruit well off the ground. Quite resistant to disease. Fruit is intense purple-black, long and oval, with no neck at stem end. Excellent type for use in the Southeast. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

New Hampshire Hybrid. 68 days. A very early, highly productive variety. Fruit medium sized, blocky, pear-shaped, dark purple color. Plant is rather dwarf and upright; well adapted to sections where season is short. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

New York Improved. 83 days. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

HORSERADISH ROOTS

Ready in March

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, and place in a cool cellar, covered with soil or sand.

Maliner Kren. A quick-growing variety far superior to the common sorts. Large cuttings. 6 roots 60c.; 12 roots 85c.; 50 roots \$2.25; 100 roots \$4.25.

Here are the leafy vegetables that keep you healthy

KALE · BORECOLE

CHOU VERT (Fr.) BLATTERKOHL (Ger.)
CAVOLO VERDE (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

Dwarf Blue Scotch. 55 days. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt. 15c.; oz. 40c.; ¼lb. \$1.20.

Dwarf Green Curled. 55 days. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt. 15c.; oz. 40c.; ¼lb. \$1.20.

LETTUCE

LAITUE (Fr.) LATTICH SALAT (Ger.)
LATTUGA (Ital.)

One ounce will produce about 2500 plants

Lettuce, crisp and appetizing, is the backbone of salads. Salad bowls are increasingly popular. You will find the luscious mixed green salads adorning many tables. Packed with vitamins, Lettuce is indispensable in the garden.

Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two to three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until spring, sow seeds in hotbeds in the fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend using loose-leaf varieties.

Bibb. 60 days. A distinct variety with a crispness and flavor of its own. The heads are medium sized, the outer leaves deep glossy green, and the interior bleaches to a rich yellowish waxy green. Pkt. 15c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.25.

Great Lakes. 82 days. Bronze Medal, 1944 All-America Selections. A decidedly crisp heading Lettuce of the Imperial type. It is of excellent quality and exceedingly sweet and tender. A superior summer Lettuce that stands heat and sun and is exceptionally resistant to tip-burn injury. Very slow to shoot to seed. It does equally well in cool weather. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.50.

All Heart. 71 days. An excellent Lettuce for spring or summer use. The head has a heart of a decided buttery flavor. Can be used for sowing in frames. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Big Boston. 75 days. A large, flat, cabbage-headed variety, excellent for midsummer or fall use, or under glass in early spring and autumn. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Boston Market (White-seeded Tennisball). 73 days. Early, small-heading variety. One of the best for forcing. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Cosberg. 76 days. A variety with ability to head in summer weather and resist tip-burn. Heads small and compact; outer leaves light yellowish green, crumpled and frilled. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Iceberg. 84 days. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

Siberian. 65 days. A very hardy variety with large leaves that cook very tender. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

KOHLRABI

CHOU RAVE (Fr.) KOHLRABI (Ger.)
CAVOLO RAPA (Ital.)

One ounce will sow about 200 feet of row;
3 pounds, an acre

Sow seed in early spring, in hotbeds or outdoors, and transplant when 3 inches high, in rows 1½ feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender.

Purple Vienna. 62 days. Flesh white; skin a bluish color. Used for outdoor sowing. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

Early White Vienna. This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.



Imperial No. 44 Lettuce

Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

Bronze Beauty. 40 days. Bronze Medal, 1947 All-America Selections. The bronze-shaded, crisp leaves are long, with margins deeply lobed and scalloped, with tasty nut-like flavor. The plants are vigorous, fast growing and resistant to hot weather. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Slobolt. 45 days. A new non-heading variety that is very slow to develop seed-stalks in hot weather. Especially desirable for home-garden use. Pkt. 15c.; ½oz. 50c.; oz. 90c.

Oak Leaf. 45 days. A beautiful golden green Lettuce of fine form and valuable because remarkably slow to shoot to seed. Makes attractive loose-leaf heads during the hottest summer weather; no other variety grows so well at that time of the year. The leaves are broad, deeply lobed like an oak leaf, thick, succulent and tender. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

Black-seeded Simpson. 46 days. Ideal for midsummer use. When matured, presents a loose head with finely fringed leaves. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Early Curled Silesian. 45 days. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Early Curled Simpson. 45 days. An excellent, curly-leaved sort; loose heads and very tender. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Grand Rapids. 43 days. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Romaine · Cos Lettuce

This type, of French origin, differs greatly from the American varieties in its peculiar, upright growth. To produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. Best adapted to outdoor planting and stands the heat well.

Dark Green Cos. 66 days. Similar to the White Cos but darker green leaves. Inner leaves bleach a creamy to golden yellow with endive-like flavor. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Paris White Cos. 66 days. Strong grower with long, medium green leaves of most excellent quality. A self-folder, but when half grown it is best to tie it up so the inner leaves may be blanched white. Head 8 to 9 inches high. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Imperial No. 44. 82 days. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Imperial No. 847. 84 days. A brown-blight-resistant variety for summer planting. Heads are medium large, hard, fine and well covered by the leaves. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Improved Hanson. 80 days. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

May King. 63 days. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Number 1. 70 days. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

Mignonette. 65 days. Splendid for the home-garden, being of excellent quality, crisp and sweet. Medium small in size, compact and hard heading. Very dull dark green in color, dark brown at edge of leaf with well-blanching creamy yellow heart. Pkt. 15c.; oz. 35c.; ¼lb. 90c.

New York or Wonderful No. 12. 80 days. This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Salamander or Black-Seeded Tennis Ball. 65 days. Forms a large, light green, compact head with a white heart. Very tender, crisp, and extremely slow to run to seed. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

White Big Boston. 72 days. A heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Chicken Lettuce

An excellent green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.10.

Are you trying out some of the novelties?

LEEK

POIREAU (Fr.) LAUCH (Ger.)
PORRO (Ital.)

One ounce will sow about 100 feet of row

Allied to the onion family, but producing no bulb. Sow seed in April, in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

American Flag. 142 days. Popular for the home-garden. Makes a longer but narrower stalk than others. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.50.

Giant Carentan. 150 days. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.50.

LAVENDER

Herb whose fragrant dried flowers are used in sachets. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.35; oz. \$2.50.

MINT

Herb used for flavoring. Plants only. See pages 81.

MUSKMELON

MELON MUSCADE (Fr.) MELONE (Ger.)
POPONE MELONE (Ital.)

While these do best in a light, sandy loam, any good, well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, lift up the vines and spray underneath with Arsenate of Lead or some of the various Nikoteen preparations.

Casaba Golden Beauty. 112 days. Late-maturing winter variety. Large round fruits, 6 to 8 inches in diameter, weighing about 6 pounds. Wrinkled golden yellow skin with thick white flesh, luscious and spicy. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Emerald Gem. 85 days. Flat; sweet, rich salmon flesh that ripens close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Fordhook. 88 days. Flat; flesh salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. Early and very prolific. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Hale's Best. 82 days. Heavily netted fruits with salmon-color flesh; oval form; fine quality. Excellent for long-distance shipping. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Hearts of Gold. 90 days. Midseason. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Honey Dew. 112 days. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth, creamy white skin with occasional netting. Thick, emerald-green flesh, melting, and of delicious flavor. Ripe melons can be kept for several weeks before using. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Honey Rock. 81 days. Medium size, round as a ball, and with a coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Jennie Lind. 86 days. A small, early, green-fleshed variety much flattened at the poles. Flesh medium thick, juicy and of excellent quality. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

MUSKMELON, continued

Delicious. 83 days. Large fruits often weigh 8 pounds. Flesh is deep orange-salmon, of fine quality. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Pride of Wisconsin. 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Bender's Surprise. 90 days. A large variety, often weighing 8 to 9 pounds, oval in shape, with prominent ribs. The green skin (slightly netted) turns to cream color as it ripens. Flesh bright salmon, thick and sweet. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Rocky Ford. 92 days. Medium-early variety. Fruit oval, covered with a fine netting; flesh green, very sweet, highly flavored. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Preserving Melon • Citron

California Red-seeded. 85 days. A large-fruited variety with pure white flesh and thin rind. It is planted like watermelon. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

MANGEL-WURZEL

See page 32.

WATERMELON

MELON D'EAU (Fr.) WASSER MELONE (Ger.)
MELONE D'AQUA (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering ½ inch deep. When well established, thin out to three or four of the strongest plants to each hill. Watermelons should not be planted until after the soil has become thoroughly warm. We offer the varieties which we know are the better ones.

Dixie Queen. 85 days. A splendid melon with thin, tough rind, light green in color with dark green stripes. Flesh is fine-grained, tender and lusciously flavored, rich scarlet. Average weight 30 pounds. Pkt. 10c.; oz. 45c.; ¼lb. \$1.20.

Golden Honey. A truly fine yellow-fleshed variety. Oblong in shape, averaging about 20 pounds in weight. Rind is dark green, with irregular stripes of darker green. Flesh amber-yellow, tender and delightfully flavored. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Halbert Honey. 82 days. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is thin, dark green; flesh rich crimson and sweet. It is altogether a first-rater. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Harris' Earliest. 75 days. Ripens early and on this account is one of the best for the northern states. Fruit oblong, marbled light and dark green; flesh bright red and of good quality. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Kleckley Sweets. 85 days. Has a luscious tenderness all its own. Not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt. 10c.; oz. 25c.; ¼lb. 80c.

Stone Mountain. 80 days. A good market- and home-garden variety. Round, slightly elongated, with light green skin and sweet flesh. Average weight 40 to 50 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

WATERMELON, continued

Thurmond Gray Wilt-resistant. 95 days. A large, cylindrical sort weighing about 35 pounds, highly resistant to disease. Rind very hard, light green with mottling of darker green. Flesh is dark red, firm and of good quality. Pkt. 15c.; oz. 75c.

Tom Watson. 95 days. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter, dark green rind and bright scarlet flesh of excellent texture and flavor. Nothing can touch it for shipping qualities. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

WATERMELON SEEDS. For medicinal purposes. ¼lb. 70c.; ½lb. \$1.20; lb. \$2.00.

MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

Fordhook Fancy. 65 days. Produces a large crop of leaves resembling an ostrich plume, which are of mild flavor. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

Southern Giant Curled. 65 days. The best of the curled Mustards. Sweet flavor; matures very early and produces abundant foliage. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

Tendergreen or Spinach Mustard. 40 days. A mild-flavored, dark green, smooth-leaved type. Foliage is prepared for the table the same as spinach or turnip greens. The leaves can be cut throughout the entire growing season. Resistant to heat and drought. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

OKRA or GUMBO

GOMBAUD (Fr.) OCHER (Ger.)
OCRA (Ital.)

One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices, dried in the sun, and used during the winter.

Perkins Mammoth Long Pod. 64 days. A leading home-garden and canning variety about 4 feet in height and literally covered with pods 6 to 7 inches long, dark green, tapered, fleshy and heavily ribbed and of excellent quality. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

Clemson Spineless. 55 days. Silver Medal, All-America Selections. A uniform spineless strain of the Perkins long-podded type. Good quality, pods 8 to 9 inches long. Plants 4 to 5 feet tall. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

Dwarf Long Green-podded. 51 days. Fine quality pods, somewhat smaller than the Clemson Spineless. Plants much smaller. Popular market- and home-garden variety. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

White Velvet or Creole. 60 days. Pods are very free from ridges, almost perfectly smooth, tender; light green, almost white. Pkt. 10c.; oz. 20c.; ¼lb. 60c.

Plant enough Onions to supply your family's needs

MICHELL'S PURE CULTURE MUSHROOM SPAWN

This Spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed seed, or insect is destroyed and each bottle contains nothing but pure Spawn. One carton equals 5 bricks of ordinary Spawn and is sufficient to spawn about 40 square feet. The Spawn is dried thoroughly and wrapped in paper, with full directions how to grow mushrooms, and packed in cartons. Carton \$1.25; 10 cartons \$12.00.

Pure Culture Brick Spawn

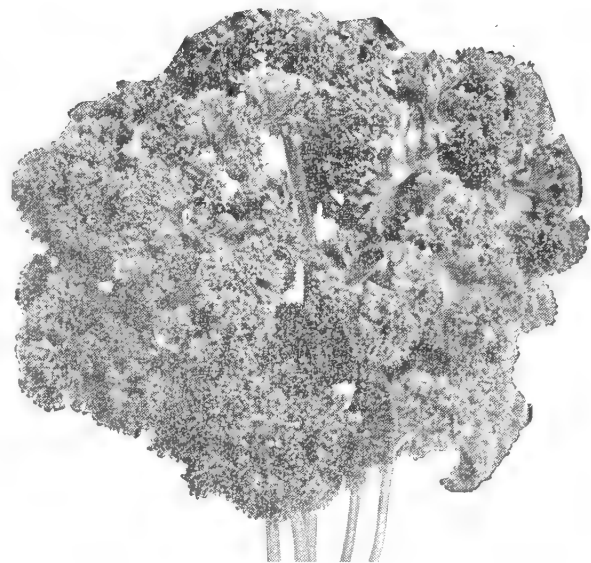
One brick will spawn 8 to 10 square feet
Ask for our Free Leaflet on Mushroom Culture
Pure White. Brick 45c.; 5 bricks \$1.95; 10 bricks \$3.45; 25 bricks \$8.25.

Mushroom or Hotbed Thermometers

No. 539. Iron point; oxidized finish. Price, \$4.50.
Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

GARDEN BOOK

By Vernon Hayes Davis. 241 pages. \$1.25.



Champion Moss Curled Parsley

PARSLEY

PERSIL (Fr.) PETERSILIE (Ger.)
PREZZEMOLO (Ital.)

One ounce will sow 100 feet of row

Soak the seed for a few hours in warm water, then sow in rows 1½ feet apart; when 2 inches high thin out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate, so that a little patience in growing this is necessary.

Champion Moss Curled. 70 days. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Double Curled or Covent Garden. 70 days. Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

Hamburg or Rooted. 90 days. The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Plain or Single. 72 days. Leaves not curled. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Peerless. 84 days. A fine selection of the Moss Curled type. This strain is hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

PARSNIP

PANAIS (Fr.) PASTINAKE (Ger.)
PASTINACA (Ital.)

One ounce will sow 150 feet of row;
5 pounds, an acre

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well.

Improved Sugar or Hollow Crown. 95 days. Roots clear white, clean, well filled and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide with a deep crown. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

PEANUTS

ARACHIDE (Fr.) ERDNUSS (Ger.)
CECE DE TERRA (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

Peanuts can be grown in almost any well-drained garden soil, and should yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. 145 days. ½lb. 40c.; lb. 60c.; 5 lbs. \$2.50; 10 lbs. \$4.50.

MICHELL'S SELECT ONION SEED

Onions are essential in your garden

OIGNON (Fr.) ZWIEBEL (Ger.) CIPOLLA (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firmed in the soil. If it is desired to grow full-size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

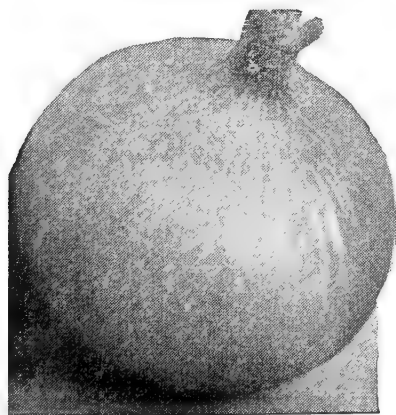
Ailsa Craig. 105 days. A large variety, oblong globe-shaped. Color is light yellow, lightly tinged with bronze. A specimen of this variety often weighs 3 pounds and over. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

Bermuda White. 93 days. Light yellow or straw-color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

Early Yellow Globe. 98 days. It matures ten days to two weeks earlier than Southport Yellow Globe. The bulbs are of good size, globe to flattened globe in shape and straw-yellow in color. Skin is tough and the bulb is a better keeper than most other early varieties. Where quick-maturing early Onions are wanted, this variety should be tried. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

Ebenezer. 100 days. Excellent Onion for winter storage. Popular for growing sets. Yellow outer skin, white, mild flesh. Bulbs are large, somewhat flattened. Pkt. 15c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

Prizetaker. 105 days. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.35.



Early Yellow Globe Onion

Southport Red Globe. 110 days. Medium to large, average early; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. Excellent keeper. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

Southport White Globe. 110 days. A round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is very mild. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

Southport Yellow Globe. 115 days. Similar to the Danvers Yellow Globe, except that it is larger. A uniform-growing variety, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

Sweet Spanish. Utab Strain. 110 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

White Bunching. 60 days. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

White Portugal or Silver Skin. 100 days. The standard white Onion for market or home use. Mild-flavored, semi-globe-shaped Onion, very uniform in growth and size. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

Yellow Globe Danvers. 110 days. This almost round Onion is extensively sown by private and market gardeners on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

ONION SETS

One quart will plant about 50 feet of row
Shipped on local orders after March 15

Yellow. Lb. 45c. **White.** Lb. 50c.

We give 32 pounds per bushel on Onion Sets, except Egyptian Tree Top which is 28 pounds per bushel.

MULTIPLIER ONIONS

Shallots. ½lb. 45c.; lb. 75c.

Garlic. ½lb. 45c.; lb. 75c.

Yellow Multiplier. ½lb. 45c.; lb. 75c.

Yellow Potato. ½lb. 45c.; lb. 75c.

Egyptian Tree Top. Ready September 10. Lb. 35c.

GARDEN PEAS

POIS (Fr.) ERBSEN (Ger.) PISELLO (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warm. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities at purchaser's expense.

Extra-Early Varieties

Alaska. 56 days. 2½ ft. Smooth-seeded. Very early. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

Blue Bantam. 62 days. 1½ ft. One of the best dwarf large-podded wrinkled Peas. Blue-green pods more than 4 inches long. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Early June. 55 days. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.85.

Early Bird or Laxton's Superb. 60 days. The earliest large-podded, dwarf sort. Vines about 18 inches high, foliage light green. Produces an abundance of attractive pods about 4 inches in length, containing 9 to 10 Peas. Very tender and of excellent flavor. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

First and Best Extra Early. 56 days. 2 ft. The peer of the smooth-seeded sorts. Extremely early, lusciously sweet and tender. A grand yielder. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Gradus or Prosperity. 60 days. 3 ft. A popular and very early sort producing gigantic pods and Peas. Exceedingly luscious; wrinkled. An excellent freezing variety. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Laxtonian. 63 days. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Laxton's Progress. 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Little Marvel. 64 days. Dwarf, 18 to 20 inches. Sweet, wrinkled Peas. Prolific. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

Mammoth-podded Extra Early. 56 days. Wrinkled variety, growing 30 inches high and commencing to bear 6½ weeks after planting. A heavy cropper and especially desirable where room is scarce. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Thomas Laxton. 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

World's Record. 58 days. First early of the wrinkled Peas. Vines grow 24 to 30 inches tall, bearing a profusion of pointed pods 4 inches long, with 7 to 9 Peas of exceptionally fine quality. Adapted for freezing. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

General or Late-Crop Varieties

Alderman. 74 days. 5 ft. A giant-podded variety of the Telephone group. Vines dark green. Pods dark green, tapered, 4½ to 5½ inches long, ⅞ inch wide and contain 8 to 10 Peas. Recommended for home and market-gardens and shipping. An excellent freezing variety. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.10.

Champion of England. 80 days. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious quality, wrinkled Peas. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Dwarf Telephone. 76 days. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Adapted for freezing. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Dwarf Champion. 70 days. 2 ft. Possesses almost all the good qualities of the famous Champion of England, and has the further advantage of being dwarf. A very delicious Pea. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Tall Telephone. 75 days. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.10.

PUMPKIN SEED for medicinal purposes. ½lb. 75c.; lb. \$1.25.

Sugar or Edible-Podded Peas

Large, well-filled pods cooked with the Peas intact. Tender and exceedingly sweet.

Dwarf Gray Sugar. 65 days. 2 ft. Gray seed. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Mammoth Melting Sugar. 72 days. Seed creamy white. The best of the edible-podded varieties. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

Tall Luscious Sugar. 74 days. 4 ft. Gray seed. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

MICHELL'S PUMPKINS

POTIRON (Fr.) KURBIS (Ger.)
ZUCCA (Ital.)

One ounce will sow 25 to 50 hills;
4 to 5 pounds, an acre

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. Seed can be planted among corn after the last working.

Connecticut Field. 118 days. Almost round light yellow fruits produced in great abundance. Pkt. 10c.; oz. 25c.; ¼lb. 60c.

Japanese Pie. 110 days. A crook-necked deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

King of the Mammoths. 120 days. Enormous in size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

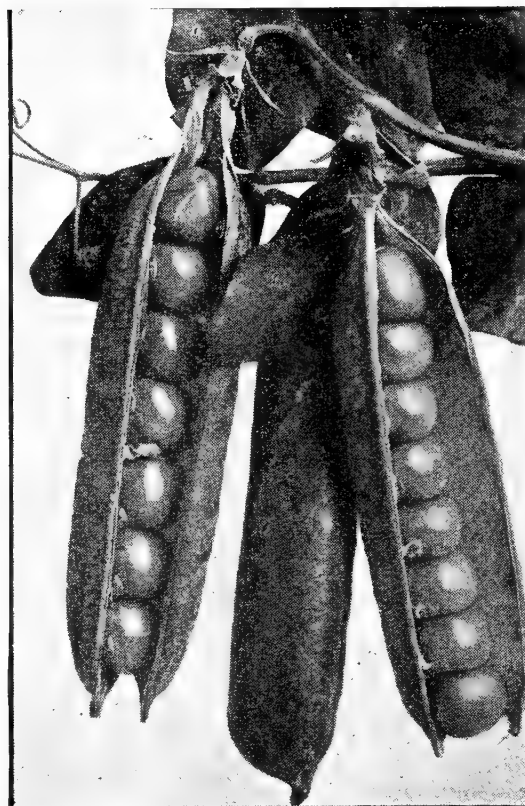
Large Cheese. 108 days. A large, flat-ribbed buff-yellow fruit with flesh of fine quality. An enormous producer, ideal for market, home-garden, and canning purposes. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Mammoth Cushaw or Golden Crookneck. 112 days. Meaty variety suitable for pies or for stock-feeding purposes. Tender, golden yellow flesh. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Small Sugar. 110 days. The true popular New England pie Pumpkin. Extremely high in sugar content. Small, round; deep orange; meaty, sweet and free from stringiness. Average weight 5 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Tennessee Sweet Potato. 110 days. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Winter Luxury. 100 days. The skin is a russet-yellow, while the flesh is golden orange when ripe. Pkt. 10c.; oz. 30c.; ¼lb. 75c.



Early June Peas



Small Sugar Pumpkin

Novelties are improved varieties, not fads

MICHELL'S PEPPERS

PIMENT (Fr.) PFEFFER (Ger.) PEPPERONE (Ital.)

One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 1½ feet apart in the row.

Mild or Sweet Varieties

California Wonder. 72 days. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.35.

Calwonder Early. 68 days. Similar to the California Giant but maturing a week or ten days earlier. Plants are sturdy, vigorous and prolific, with attractive fruits. Thick, sweet, mild flesh, deep green changing to bright red. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Chinese Giant. 80 days. Monster sweet Pepper with green fruit turning bright scarlet. Pkt. 15c.; ½oz. 55c.; oz. \$1.05; ¼lb. \$3.10.

Golden Queen. 78 days. A large yellow-fruited variety of fine quality. Flesh is medium thick, sweet and tender. Bright green when young, changing to rich golden yellow at maturity. Resembles Ruby King in shape and size. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

King of the North. 64 days. A large, handsome, early variety recommended for sections where seasons are short. Dark green, turning to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Oshkosh. 70 days. A medium-early sort, deep glossy green when young, turning to canary-yellow at maturity. Fruits are 4½ inches long and 3½ inches at stem end, tapering to a blunt point. Pkt. 15c.; ½oz. 55c.; oz. \$1.05; ¼lb. \$3.10.

Pimiento. 73 days. Excellent, uniformly shaped, sweet green changing to red when ripe. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

Ruby King. 68 days. Fruits 5 to 6 inches long and 3 inches in diameter, green, turning to red. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

Sunnybrook, Tomato or Squash. 73 days. Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

Sweet Banana. 68 days. A very early, productive, sweet Pepper. Fruit is 6 to 7 inches long, ½ inch in diameter, tapered to a point, with a slight curve. Light yellow turning to bright red at maturity. Pkt. 15c.; ½oz. 80c.; oz. \$1.45.

Tuscany. 66 days. A very early, large, and prolific variety, maturing three or four days earlier than Calwonder. Fruits are three to four lobed, thick fleshed and smooth; 4 inches long and 3½ inches in diameter at stem end. Plant is stocky and upright. Pkt. 15c.; ½oz. 95c.; oz. \$1.75.

World Beater. 70 days. One of the best large varieties. Fruits are mostly four-lobed, 5 inches long and 3½ inches across. Flesh very meaty and of mild flavor. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

World Beater No. 13. 73 days. *New.* Introduced by the New Jersey Agricultural Experiment Station. This Pepper is immune to the most destructive disease of Peppers—mosaic. A prolific bearer of large, heavy-fleshed, dark green fruits which turn a ruby-red when fully matured. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Bell or Bull Nose. 64 days. One of the earliest varieties and very hardy. The sturdy plants produce great numbers of green fruits, turning later to vivid scarlet. Pkt. 15c.; ½oz. 50c.; oz. 75c.; ¼lb. \$2.50.

Hot Varieties

Anaheim Chili. 80 days. The fruit is 6 to 8 inches long and 1½ inches in diameter at the shoulder, tapering to point. Flesh is thick and mildly pungent, deep green turning to rich scarlet at maturity. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

Hungarian Wax. 65 days. Fruits about 2½ inches in diameter and 4 to 5 inches long, golden yellow when young, turning later to scarlet. Very hot; used principally for pickling. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Large Red Cherry. 82 days. A large hot variety, extensively used for canning whole; averages 1½ to 2 inches in diameter; shaped something like a flattened tomato. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.

Long Red Cayenne. 70 days. A long red variety; very hot and used principally for bunching with potherbs. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.

Red Chili. 80 days. The small narrow red pods are very hot; used for seasoning. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.



RHUBARB

RHUBARBE (Fr.) RHABARBER (Ger.)
RABARBARO (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring, the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the Rhubarb may be used. Roots may be planted in the spring up to May 15.

Victoria. Immense long stalks of a cherry-red color. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

Rhubarb Roots

Ready April 1 for spring planting

MacDonald. A new variety of great merit. Fine for market or for home-gardens. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.

Victoria. 1 root 40c.; 6 roots \$2.00; 12 roots \$3.50.

Clump, large field-grown, \$1.00 each; 6 for \$5.50.

ROSEMARY

An herb that is used in seasoning and in the production of a volatile oil. Pkt. 25c.

ROQUETTE OR RUCOLA

40 days. Grown for greens. Forms rosettes of oblong, divided, dull green leaves, thick in texture and of a mildly pungent flavor. Pkt. 15c.; ½oz. 50c.; oz. 90c.



World Beater No. 13 Pepper

MICHELL'S CHOICE SEED POTATOES

POMME DE TERRE (Fr.) KARTOFFEL (Ger.) PATATA (Ital.)

Plant one peck for 100 feet of row
Plant 12 to 14 bushels per acre

TIME OF SHIPMENT. Potato shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. Our Potatoes are put up in sacks of 2½ bushels each.

Beats Them All (Michell's). This famous variety has given the best results wherever tried, yielding more than any other early Potato. Oblong in shape; quality fine. Extremely early, coming in about 7 to 10 days earlier than Early Rose.

Green Mountain. An excellent general crop variety. White; roundish flat.

Irish Cobbler. An excellent sort, almost round in shape.

Jersey Redskin. Especially adapted for planting in light, sandy soil in late June and early July. Oval shape, medium size, and cook pure white.

Katahdin. A new late Potato that has consistently proved to be a heavy cropper and highly resistant to disease. The tubers are slightly oval, smooth with shallow eyes. Flesh white, dry and mealy. Excellent for winter storage.

Russet. An excellent late variety, claimed to be absolutely rust- and blight-proof. Oval or flat in shape; medium size.

Prices on Seed Potatoes are established about March 1

MICHELL'S SELECT RADISH SEED

RADIS (Fr.) RADIES (Ger.) RAVANELLI (Ital.)

One ounce will sow 75 feet of row;
8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

Early Varieties

Cavaller. 23 days. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin taproot. Flesh firm and crisp, stays in eating condition longer than similar types. Top short but long enough for bunching. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Crimson Giant. 28 days. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Early Scarlet Globe. 25 days. A special strain from transplanted roots. Uniform in shape, color, and size; short tops. One of the best. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Early Scarlet or Cardinal Globe. 26 days. For outside sowing. The vivid scarlet color and oval shape are perfect. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

French Breakfast. 25 days. Rapid grower. Oblong, mild and tender; scarlet, tipped with white. Good for open ground or forcing. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Icicle. 27 days. An excellent white variety; grows 3½ to 4 inches long. Valuable for forcing and for open ground. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Long Scarlet Short-Top. 27 days. A long, bright scarlet variety with small top. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Early Deep Scarlet Forcer. 25 days. A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt. 10c.; oz. 45c.; ¼lb. \$1.25; ½lb. \$2.25.

Philadelphia White Box. 28 days. A selection of the old White Box Radish. It has more perfect form, produces shorter tops, and does not have a tendency to grow long. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Round Red or Button. 25 days. Extra early. Excellent for hotbed or garden culture. Flesh white, mild and tender. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Scarlet Turnip, White-tipped. 26 days. Fine early scarlet variety with white tip. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Summer and Winter Varieties

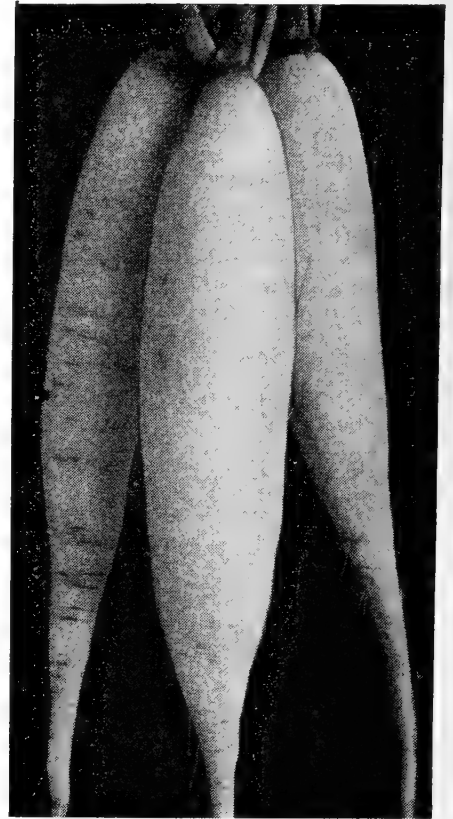
Celestial or White Chinese. 60 days. Large; pure white; excellent keeper. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

China Rose. 52 days. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Long Black Spanish. 58 days. Large; skin black; flesh white, very firm. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

Round Black Spanish. 56 days. Large; thick black skin; pure white flesh. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

White Strasburg. 43 days. Oblong; pure white, mild flavor. An excellent variety for summer use. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.



Icicle Radishes

RUTABAGA. See page 43.

SAGE

Used in flavoring. Pkt. 25c.; ¼oz. \$1.25.

SQUASH

COURGE (Fr.) KURBIS (Ger.)

ZUCCA (Ital.)

One ounce will sow 20 to 30 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill and thin out to about 4 plants in a hill.

Summer Varieties

Cocozelle or Italian. 64 days. A bush variety. Long smooth, dark green fruits, striped lighter. Fine for slicing and frying. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Early Prolific Straightneck. 50 days. A bush type that produces abundantly. Fruit is smooth, straight, bright lemon-yellow in edible stage, 12 inches long and 3 inches in diameter. Flesh firm and of excellent flavor. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Early White Bush. 52 days. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. Matures early; very prolific. Pkt. 10c.; oz. 25c.; ¼lb. 75c.



Giant Yellow Summer Crookneck Squash

Giant Straightneck. 60 days. A new bush sort. Fruits 18 to 20 inches long when matured and heavily warted. Deep orange color. Thick and meaty. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Giant Yellow Summer Crookneck. 52 days. Shaped like a club with a bent neck. The skin is rough, warted, and orange-yellow color. This is a running variety. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Golden Table Queen. 95 days. High quality Acorn type. Similar to Table Queen but has rich golden yellow outer skin. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Table Queen or Acorn. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Yankee Hybrid. 49 days. All-America Bronze Medal Winner. The fruits mature from 3 to 10 days earlier than other varieties of this class. Pkt. 15c.; oz. 75c.; ¼lb. \$2.50.

Zucchini. 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

Fall and Winter Varieties

Blue Hubbard. 110 days. A selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Boston Marrow. 97 days. Golden orange. Fine for canning, cooked as a vegetable or in pie. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Butternut. 90 days. A fine variety of small winter Squash of recent introduction. The fruit is 10 to 12 inches in length, bottle shape, with a thick, solid, meaty neck and a very small seed cavity in bulbous end. The pale orange shell is smooth and hardy, with rich yellow meat. Pkt. 15c.; oz. 55c.; ¼lb. \$1.60.

Delicious. 102 days. Has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and small seed-cavity. One of the best winter keepers. Pkt. 10c.; oz. 40c.; ¼lb. \$1.10.

Golden Hubbard. 100 days. Used for pie and also served as a vegetable; dry and delicious. Outside deep orange-red. Pkt. 10c.; oz. 40c.; ¼lb. \$1.10.

Hubbard. 105 days. True. Fruits large, olive-shaped, with dark green skin and rich flesh. Pkt. 10c.; oz. 40c.; ¼lb. \$1.10.

SAFFRON

Herb used in adding color to soups, etc. Pkt. 25c.; ¼oz. \$1.25; ½oz. \$2.00.

SAVORY

Summer. Herb used in flavoring. Pkt. 15c.; ½oz. 50c.; oz. 90c.

SWEET BASIL

Herb used for soups and stews. Pkt. 15c.; ¼oz. 40c.; ½oz. 60c.; oz. \$1.00.



Bloomsdale Savoy Spinach

MICHELL'S SELECT SPINACH SEED

EPINARD (Fr.) SPINAT (Ger.)
SPINACCIO (Ital.)

One ounce will sow about 75 feet of drill;
10 to 12 pounds, an acre

Sow for spring use, in drills 1 foot apart (covering the seed to about $\frac{1}{2}$ inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather, cover with manure, long straw, or other litter. Spinach can also be grown successfully under hotbed sash.

Bloomsdale Long-standing Savoy. 42 days. Will stand considerable heat before bolting to seed, therefore valuable for spring sowing. Leaves are thick, crimped, and fleshy. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

King of Denmark. 45 days. A new variety that stands a long while without running to seed. The deep green leaves are large, rounded, and slightly blistered. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

Juliana. 48 days. Leaves broad, of dark green, glossy color, heavily blistered. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

Nobel Giant Thick Leaf. 43 days. A quick-growing variety, large and spreading, very productive, and slow to bolt to seed. The broad leaves are rich bright green, medium thick, tender, slightly crumpled. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.

New Zealand. 70 days. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. One sowing can be picked throughout the entire summer. To get successful germination, seed should be soaked in warm water for about 12 hours. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Old Dominion Blight-Resistant. 40 days. Produces an abundance of large, dark green, heavily crumpled leaves. Will stand for an extremely long time before seeding. Recommended for late fall planting for spring crop. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

Virginia Blight-resistant Savoy. 39 days. A variety of vigorous growth, which is immune from disease. Excellent for fall sowing. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

MICHELL'S TURNIP and RUTABAGA SEED

NAVET (Fr.) WEISSE RUBE (Ger.) NAVONNE (Ital.)

One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

Turnip

Early Purple-Top Flat. 46 days. A popular early variety. Root clear white, purple top; good quality. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

Early White Flat Dutch (Strap-Leaf). 46 days. An early variety, producing a medium-sized root of fine quality. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

Purple-Top White Globe. 57 days. Large root, skin purple at top, white at bottom. A good table and market variety. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

Shogoin. 30 days. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

Snowball. 40 days. Pure white, globe-shaped. Very early. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

Southern Seven-Top. 80 days. Chiefly used for winter greens. Extensively sown in the South. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

Yellow Globe or Amber. 80 days. Shaped like the Purple-Top Globe, but colored like a yellow Rutabaga. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

Rutabaga

Rutabagas should be sown in drills about $2\frac{1}{2}$ feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Rutabagas grow too long, rather than in a round form. In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1. Seed sown earlier than this invariably produces long roots.

American Purple-Top Yellow. 90 days.

Special Strain. Roots are mostly round, with a small tap-root, yellow, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

Bucks County Neckless. 85 days. Although somewhat like American Purple-Top, this variety is earlier, with medium top and very small neck. Flesh is golden yellow, very fine grained, tender and sweet. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$1.90.

Purple-Top Yellow. 90 days. *Usual Strain.* Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.60.

SALSIFY . OYSTER PLANT

SALSIFIS (Fr.) HAHER WURZEL (Ger.)
SALSEFIA (Ital.)

One ounce will sow about 50 feet of drill;
10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down.

Mammoth Sandwich Island. Enormous; very tender and delicious. Pkt. 20c.; $\frac{1}{2}$ oz. 45c.; oz. 80c.

SWISS CHARD

Dark Green Curled. 55 days. Pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Fordhook Giant. 55 days. Pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Giant Lucullus. 50 days. Pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Rhubarb. 60 days. Pkt. 15c.; oz. 50c.

For descriptions of above, see page 32.

TAMPALA

Tampala grows best during the long hot summer days but must be well watered during any prolonged dry spell.

Sow the seed after the ground is thoroughly warm, in shallow drills not more than $\frac{1}{8}$ inch deep, spacing the rows 2 feet apart.

Entire plants cut when 5 to 6 inches high make very tasty greens when prepared like spinach. Or if plants are thinned out to stand 2 feet apart and allowed to become well established, the tips 5 to 6 inches long may be cut and new side branches will develop and provide continuous cutting throughout the season. Stems the size of asparagus tips may be stripped of the leaves and prepared as you would asparagus. Pkt. 15c.; $\frac{1}{8}$ oz. 45c.; $\frac{1}{4}$ oz. 75c.; oz. \$2.00.

Red Tampala. Similar to the green variety but having variegated green and red leaves but red veins. Pkt. 25c.; $\frac{1}{8}$ oz. 60c.; $\frac{1}{4}$ oz. oz. \$1.00; oz. \$2.00.

SORREL

Broad-leaved French. 60 days. Used as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50.

TOBACCO

Connecticut Seed-Leaf. Produces large leaves, desirable for making cigars. Pkt. 20c.; $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

Havana. 120 days. Large thick leaf of fine texture. Much used for cigar wrapper. Pkt. 20c.; $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

White Burley. 120 days. Root-rot resistant. Grows large and strong. A favorite for plug fillers and wrappers. Pkt. 20c.; $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

Seeds of Culinary and Medicinal Herbs

There is an increasing interest in Herbs today, and Herb-gardens are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

	Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
Anise.....	\$0 15		\$0 50	\$0 90	
Basil, Sweet....	15	\$0 40	60	1 00	
Borage.....	15	60	1 00	1 50	
Caraway.....	15		50	90	
Catnip.....	15	75	1 25	2 00	
Chives.....	15	55	1 00	1 75	
Coriander.....	15		30	50	
Dill.....	10			25	\$0 75
Fennel, Sweet..	15			50	1 25
Fennel, Florence	15			50	1 25
Lavender.....	25	75	1 35	2 50	
Rosemary.....	25	85	1 50		
Saffron.....	25	1 25	2 00		
Sage.....	25	1 25	2 25	3 75	
Summer Savory.	15		50	90	
Sweet Marjoram	25	85	1 50		
Thyme.....	25	1 00	1 75		

For particulars on Herb Plants refer to pages 81

MICHELL'S SELECT TOMATO SEED

POMME D'AMOUR (Fr.) LIEBESAPFEL (Ger.) POMO D'ORO (Ital.)
One ounce will produce 3500 plants; ¼ pound, enough plants for an acre

NOTE: All seeds on this page mailed post-paid at prices quoted

Jubilee. 72 days. All-America Bronze Medal Winner. A new globe-shaped variety mild in flavor, bright orange-yellow. Pkt. 15c.; ¼oz. 40c.; ½oz. 75c.; oz. \$1.40.

Bonny Best. 73 days. One of the most prolific early Tomatoes. Solid, evenly formed, bright red fruit. Pkt. 10c.; ½oz. 45c.; oz. 80c.

Break o'Day. 70 days. Disease-resistant. Fruits globular, large, smooth, meaty, and a good red color. Pkt. 10c.; ½oz. 45c.; oz. 80c.

Crimson Cushion or Beefsteak. Non-acid. 90 days. A vigorous grower producing immense, solid, very meaty fruits. Pkt. 25c.; ½oz. 75c.; oz. \$1.40.

Dwarf Champion. 86 days. Tree Tomato. Plant dwarf and compact. Fruit red, with a purplish cast; solid; late maturing. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.

Dwarf Stone. 92 days. Tree Tomato. A dwarf, compact plant and medium-sized, very solid bright red fruit. Late cropper. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.

Earliana or Penn State. 66 days. One of the earliest bright red varieties. Compact in growth; a good yielder. Fruit solid, uniform and of excellent quality. Pkt. 15c.; ½oz. 65c.; oz. \$1.20.

Golden Ponderosa. 88 days. The best large golden yellow variety. Early, smooth, of excellent quality. Pkt. 25c.; ½oz. \$1.00; oz. \$1.75.

Golden Queen. 82 days. A leader in the main-crop yellow-fruited field. Golden yellow, medium sized, smooth, firm. Mild flavor. Pkt. 10c.; ½oz. 60c.; oz. \$1.10.

Greater Baltimore. 82 days. A main-crop variety. Fruit large, brilliant red, and ripens evenly. Pkt. 10c.; ½oz. 40c.; oz. 75c.

Italian Salad. 74 days. This fine, red, plum-shaped salad Tomato has become quite popular. It is practically free from acid, has few seeds, and a flavor all its own. Pkt. 20c.; ¼oz. 60c.; ½oz. \$1.00; oz. \$1.85.

John Baer. 70 days. Clusters of beautiful red fruit of good size and nearly round. Pkt. 10c.; ½oz. 45c.; oz. 80c.

June Pink. 69 days. Large; solid purplish red flesh of fine texture. Pkt. 15c.; ½oz. 45c.; oz. 80c.

Marglobe. Special Strain. 77 days. Variety of special merit, practically immune from the many Tomato diseases. Handsome scarlet fruits. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Marglobe. Usual Strain. 77 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.

MICHELL'S AMERICAN CHAMPION.

80 days. Originated by Mr. William E. Vail, Yorktown Heights, N. Y. This fine variety represents years of painstaking selection and is today the most desirable strain we have ever seen. Fruits are large, smooth, deep red, somewhat flattened and ripen evenly over entire surface. Plants are large and vigorous, with medium heavy foliage. Pkt. 25c.; ½oz. 85c.; oz. \$1.50.

Oxheart. 90 days. A main-crop, pink-fruited sort, popular in certain sections due to its great solidity. Non-acid; quality fine. Some grow to an enormous size. Pkt. 15c.; ½oz. 85c.; oz. \$1.60.

Pan America. 75 days. This variety is highly resistant to nailhead rust and wilt. The fruits are bright scarlet throughout, medium large, globular shaped, with thick flesh, free of cracking. Strong-growing vine developing good coverage. Pkt. 15c.; ½oz. 60c.; oz. \$1.00.

Ponderosa. 88 days. Non-acid. The largest Tomato in existence. A beautiful deep pink, at times rather uneven in shape. Pkt. 15c.; ½oz. 60c.; oz. \$1.10.

Pritchard or Scarlet Topper. Special Strain. 76 days. An early variety undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day; the inside color is darker red. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Pritchard or Scarlet Topper. Usual Strain. 76 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.

Rutgers. Special Strain. 78 days. A new introduction by the New Jersey Agricultural College. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Rutgers. Usual Strain. 78 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.

Stokesdale. 73 days. An extra-early scarlet-fruited sort. Owing to its short season it is well adapted to the northern states. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Stone. 86 days. An old-time favorite. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt. 10c.; ½oz. 40c.; oz. 70c.

Valiant. 57 days. An extra-large early market variety producing brilliant scarlet fruits of the globe type. It has a rather sparse, open vine, and therefore should mature most of its crop before the extreme heat. Pkt. 15c.; ½oz. 50c.; oz. 90c.

Victor. 66 days. It is very early, very prolific with a full set of fruit maturing all together for early use. The fruit is of moderate size, semi-globe shape, rich scarlet color borne in large clusters. Pkt. 15c.; ½oz. 55c.; oz. \$1.00.

White Beauty. Large size, ivory-white; fruit of excellent quality. Flesh is almost paper-white and absolutely free from acid. Pkt. 25c.; large pkt. 75c.

Forcing Tomatoes

PERFECT FORCING TOMATO (Selandria) is a new and outstanding improvement in Forcing Tomatoes. It is practically free from corrugated fruits, is very resistant to diseases especially leaf mould, is very early and gives a large yield under all growing conditions.

The fruits are very round, handsome in appearance, of a beautiful bright red color and of fine flavor and very uniform and firm.

The majority of the fruits are four-celled and perfect for shipping and packing.

We recommend this as the ideal Tomato for greenhouse growing. Pkt. \$1.00; large pkt. \$2.00; ½oz. \$3.25; ¼oz. \$5.75; ½oz. \$10.00.

Michigan State Forcing. Pkt. 25c.; large pkt. 75c.

Sunrise. 80 days. A forcing variety of the European type. Fruits are scarlet in color and grow in clusters. Vine is vigorous and a very good producer. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.

Small-Fruited Tomatoes

Red Cherry Red Plum Yellow Pear
Red Pear Yellow Cherry Yellow Plum
Strawberry or Husk
Pkt. 20c.; ½oz. 60c.

THYME

Herb used for sauces and dressings. Seed. Cannot supply.

VEGETABLE PLANTS AND ROOTS

Owing to existing conditions and traffic difficulties that exist, we are unable to deliver free, orders for vegetable plants and roots under the minimum price of \$3.00 on each consignment.

We regret that it is not practicable to ship pot-grown plants of PEPPER, PARSLEY, EGG-PLANTS, and TOMATOES by Parcel Post.

The foliage of these plants is very soft and tender and we have found from experience (largely because of delays in the mail service), that they reach their destination in a worthless condition.

Nor can we ship any of the above-mentioned plants outside the Japanese beetle zone.

A fresh supply of these plants will be available during the planting season at our store, 516-18 Market St., Philadelphia 5, on a cash-and-carry basis.

Artichokes

Green Globe. Pot-grown plants. Doz. \$3.00; 25, \$5.50.

Asparagus Roots

Ready about March 20 for spring planting; about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

Giant Washington. 2-yr. roots, 50, \$2.50; 100, \$4.00; 1000, \$30.00.

Cabbage Plants Ready April 1

Early sorts. Coldframe plants, 100, \$1.50.

Late sorts. Ready July 1.

Late Flat Dutch, Danish Ballhead and Red Dutch Drumhead varieties only. 100, \$1.50.

Celery Plants Ready in July

White Plume, Giant Pascal, Winter Queen and Golden Self-blanching. 100, \$1.50; 1000, \$11.00.

Eggplant Plants

Ready after May 15

New York Improved and Black Beauty. Pot-grown plants. Doz. \$1.25; 100, \$8.50.

Horseradish Roots

6, 60c.; doz. 85c.; 50, \$2.25; 100, \$4.25

Parsley Plants Ready in May

Pot-grown plants. Doz. \$1.00; 100, \$8.00

Pepper Plants Ready in May

Bull Nose and Ruby King varieties. Pot-grown plants. Doz. \$1.00; 100, \$8.00.

Rhubarb Roots

Ready April 1 for spring planting

MacDonald. A new variety of great merit. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.

Victoria. 1 root 40c.; 6 roots \$2.00; 12 roots \$3.50. Clump, large field-grown, \$1.00 each; 6 for \$5.50

Sweet Potato Plants Ready in June

Yellow and Red Nansemond. 100, \$2.00; 1000, \$18.00. (Not less than 100 plants of a variety can be furnished.)

Tomato Plants Ready after April 15

Early and Late Varieties. Pot-grown plants. Doz. \$1.00; 100, \$8.00.

Michell's Seed Corn Produces Extra Bushels per Acre

MICHELL'S SELECTED HAND-PICKED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1½ to 2 bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where re-selection means the limit of crop with little or no increase in

cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs 56 pounds per bushel.

Iowa 939 Hybrid

Maturity 100-105 days

Adapted to a wide range of conditions. Ears are cylindrical shaped; kernels somewhat rough and soft. Popular with cattle feeders because of non-flinty kernel. Qt. 70c.; pk. \$3.10; bus. \$9.95.

Ohio C 12 Hybrid

Maturity 110-115 days

One of the newer varieties which has been giving remarkable performance records. It matures a trifle earlier than U. S. 13, produces a good-sized ear, deep grain and stiff stalk. Can be recommended as a late variety for the south central and southwestern counties as well as the lower eastern counties of Pennsylvania. For an exceptionally heavy yield, plant Ohio C 12 this year. Qt. 65c.; pk. \$2.95; bus. \$9.75.

Ohio C 88 Hybrid

Maturity 110-115 days

A hybrid of excellent appearance and a favorite in many localities; a consistent high yielder. Stalk is medium large and stands up well in the field. Ears are large; kernels are deep and have a reddish cast, often two ears to the stalk. Corn-borer resistant. Qt. 65c.; pk. \$2.95; bus. \$9.75.

U. S. 13 Hybrid

Maturity 110-115 days

Matures about nine days later than Lancaster County Sure crop. Medium rough, deep grains; medium tall stalk. Good silage producer throughout the eastern states. One of the highest yielding of all hybrid varieties for both grain and silage. Qt. 65c.; pk. \$2.95; bus. \$9.75.

Lancaster County Sure Crop

Silage 90 days—Grain 100 days

The most popular variety for silage in Pennsylvania, New York and the New England states. It is adaptable to practically all climatic and soil conditions and will withstand drought. A favorite because it provides plenty of silage with rich feed value. Grows tall, leafy stalks; long ear with thin cob—high in protein, husks easily, shells well, rich yellow. Qt. 50c.; pk. \$2.10; bus. \$6.80.



Field Corn, U. S. 13 Hybrid

Eight-rowed Yellow Flint

Grain 90 days

Grows a long ear with exactly eight rows of grain. Thin cob, grain very hard and of a deep golden color. Qt. 50c.; pk. \$2.20; bus. \$6.95.

Improved Leaming

Silage 95 days—Grain 105 days

Known for its adaptability to most any soil and climate. Medium-sized ear with grains of rich yellow, wedge shaped. Qt. 50c.; pk. \$2.10; bus. \$6.90.

White Cap Yellow Dent

Silage 105 days—Grain 115 days

Developed here in Lancaster County. Large ear, red cob, cap of grain white, lower part light yellow. An excellent producer of rich silage in New York state. Qt. 50c.; pk. \$2.10; bus. \$6.90.

Reid's Yellow Dent

Silage 105 days—Grain 120 days

Often called Golden Yellow Dent and classed as a medium-season Corn. Large, broad, heavy ears—an extra-good sheller. Qt. 50c.; pk. \$2.10; bus. \$6.90.

MICHELL'S HIGH-GRADE FARM SEEDS

BARLEY

(Treat with CERESAN)

The straw is good for green feed or when cured as hay, and the grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1½ to 2 bushels per acre, from April to July 1. 48 pounds per bushel. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. Qt. 30c.; pk. \$1.50; bus. \$4.00.

BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

Evergreen. Produces extremely straight brush retaining its green color well after ripening. Yields 1000 pounds of salable brush per acre. 50 pounds per bushel. Lb. 40c.; 10 lbs. \$3.50.

Stanley's Crow Repellent

Protects your crop against crows, pheasants, blackbirds, etc. Also protects seed from rotting in the ground. Non-poisonous. ½pt. 60c.; pt. \$1.00; qt. \$1.75. One pint is sufficient for two bushels of Seed Corn.

All prices subject to market changes

Prices on Farm Seeds in larger quantities than listed will be quoted on application.

SOY BEANS

(Inoculate with LEGUME-AID)

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air which is deposited in the ground by the roots. Sow 1½ bushels per acre alone, or 50 pounds, in drills 2½ feet apart, during May or June. If wanted for silo it will be ready for harvest about September 1, when the pods will be well filled. 60 pounds per bushel.

Black Wilson. An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high-quality hay. Qt. 40c.; pk. \$2.00; bus. \$6.00.

Green Mammoth (Tokio). Late. An extra-large green variety, suitable for edible purposes as well as for hay and soiling. Qt. 40c.; pk. \$2.00; bus. \$6.00.

Lincoln. Has a remarkable yield record. It is superior in standing ability and ranks high in quality and content of oil. Maturity 128 days. Qt. 45c.; pk. \$2.25; bus. \$6.50.

Mammoth Yellow. Late. Qt. 40c.; pk. \$2.00; bus. \$6.00.

Manchu. Early variety (110 days) which will make an extra-heavy yield of large yellow Beans, high in oil-content. An excellent variety for milling. Qt. 45c.; pk. \$2.25; bus. \$6.50.

Mung. Best for sprouting green shoots; excellent in salads. Very popular with the Chinese trade. Lb. 30c.; 25 lbs. \$6.50; 100 lbs. \$23.00.

LADINO WHITE CLOVER

Sow it for a year-round pasture. U. S. Department of Agriculture says: "Ladino is the largest growing form of White Clover. It is similar to White Dutch but grows about twice as large. Introduced from South Europe. Many farmers cut it for hay in the summer and graze it the rest of the year."

It is a long-lived perennial. Its taproot goes down 1 to 3 feet. The stems run on the ground, taking root. One plant covers 2 feet. A sparse stand soon thickens into a dense, even growth. The only parts available to grazing are the highly nutritious leaves and flowers which rise 12 to 20 inches in great profusion from the numerous joints.

It grows on any soil, even shallow hardpan, but does best on loam or clay where moisture is plentiful. The seed is so small it requires a firm hard seedbed, planted shallow and covered very lightly. Our seed is scarified, germinates over 90 per cent, requiring one-half as much per acre. Inoculate and sow in spring or fall, 5 pounds per acre alone, or 3 pounds in mixtures. Don't pasture until plants spread and start sending up shoots from the joints. Lb. \$3.00; 10 lbs. \$27.50.

Wild White Clover. This Clover is suited for soils below the fertility standard and provides a most effective and economical source of nitrogen. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. ¼lb. 75c.; lb. \$2.75; 5 lbs. \$12.50; 10 lbs. \$23.50.

Yellow Trefoil (Medicago lupulina). Also known as Yellow Clover. Recommended for use in permanent pastures because of its ability to furnish pasture during the spring months. Lb. 60c.

MICHELL'S HIGH-GRADE FARM SEEDS, continued

RECLEANED CLOVERS

Clovers weigh 60 pounds per bushel

Alfalfa, Common (*Medicago sativa*). Non-irrigated. Sow during April and May, August and September, 25 pounds per acre, preferably with no other crop. 60 pounds per bushel. 10 lbs. \$4.00; pk. \$5.75; bus. \$20.00.

Alfalfa, Grimm. An extremely hardy variety, less apt to winter-kill than older sorts. Heavy yielder and of deep-rooting habit. Sow 15 to 20 pounds per acre. 10 lbs. \$7.50; pk. \$10.00; bus. \$35.00.

Alsike or Swedish Clover (*Trifolium hybridum*). One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone. 10 lbs. \$7.00; pk. \$9.50; bus. \$32.00.

Crimson Clover (*Trifolium incarnatum*). Used principally for soiling or green manuring. Not hardy more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds per acre. Lb. 60c.; 10 lbs. \$4.00; pk. \$5.50.

Mammoth Red Clover (*Trifolium pratense perenne*). Domestic origin. This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 15 pounds per acre alone, or with other crops, 10 pounds per acre. 10 lbs. \$7.50; pk. \$11.00; bus. \$42.00.

Medium Red Clover (*Trifolium pratense*). We offer adapted seed of domestic origin only. Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. 10 lbs. \$7.00; pk. \$10.00; bus. \$35.00.

Lespedeza. A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. Lb. 40c.; 10 lbs. \$2.75; bus. \$6.50.

Sweet or Bokhara Clover (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows 3 to 5 feet high, thrives on almost any soil. Sow 15 pounds per acre during spring and fall. 10 lbs. \$3.00; pk. \$4.25; bus. \$14.00.

White Dutch Clover (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Oz. 15c.; ¼lb. 40c.; ½lb. 65c.; lb. \$1.25; 5 lbs. \$5.65; 10 lbs. \$10.70; 25 lbs. \$25.75.

To produce best results all Clover Seeds, Field Peas, and Cowpeas should be inoculated with LEGUME-AID. See page 101.

CANADA FIELD PEAS

These are used for various purposes, chief among them being a very early green feed; when used this way they are sown with oats about April 1, at the rate of 1½ bushels of Peas and 1½ bushels of Oats to the acre, either drilled or broadcast. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. 60 pounds per bushel. Qt. 40c.

CORN, WHITE KAFFIR
(For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows 4 to 6 feet high, and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. 56 pounds per bushel. Lb. 35c.

COWPEAS

These provide the most inexpensive method of bringing soil back to a stage of fertility, as they grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia, sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. For a large crop, sow the seed late. 60 pounds per bushel.

New Era. A small, upright-growing, very prolific variety of early maturity. Qt. 40c.

Whippoorwill. Medium early, upright-growing variety extensively used. Qt. 50c.

FLAX

This is grown for the fibre from which linen thread is made and also for the seed used in the manufacture of linseed oil. If grown for seed, sow 1 bushel to the acre from May 15 to June 15; for fibre sow 1½ to 2 bushels per acre. 56 pounds per bushel. Lb. 40c.

MANGEL-WURZEL

Sow 5 pounds per acre in April and May in thoroughly plowed, well-manured soil, in drills about 2 feet apart. Thin out to 1 foot.

Golden Tankard. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

Lane's Improved White Sugar. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

Mammoth Long Red. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

See also page 32

MILLET

Can be sown as late as July 15. Desirable for green manuring or green food for stock. If used for hay, cut just as it matures.

Hungarian. The seed produces hay not as fine as Tennessee Golden and fully a foot less in height. It can, however, be sown some two weeks later. Sow 1 bushel per acre. 48 pounds per bushel. Lb. 35c.

Barnyard. Frequently as high as 12 tons of green feed have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15. 35 pounds per bushel. Lb. 35c.

Tennessee Golden. Requires a longer season to mature. Produces very fine hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. 50 pounds per bushel. Lb. 35c.

SEED OATS

They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2½ to 3 bushels per acre alone or 1½ bushels with peas during April for best results. 32 pounds per bushel.

Swedish or Washington. The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Qt. 40c.

Vicland. One of the most promising of the newer varieties. Highly resistant to rust and smut. Heavy yield per acre. Extra strong straw, early maturing, not apt to sprout in shock, superb yields. For best results do not sow more than two bushels per acre. Qt. 50c.; bus. \$3.50.

Treat your Seed Oats with Ceresan to control Oat smut and increase yield. See page 106.

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. 50 pounds per bushel. Lb. 35c.; 10 lbs. \$3.00.

RYE (For Seeding)

Abruzzi. This is a strain of Rye which came originally from Italy. It has the reputation of starting off more vigorously in both fall and spring, and consequently is sometimes recommended where a cover crop or pasture is the primary object. Qt. 40c.

Spring. An excellent early green feed, or for pasture. The grain is used for feeding and other purposes, making a larger yield than Winter Rye. Sow from May 1 to June 1, 1½ bushels to the acre. 56 pounds per bushel. Qt. 30c.; pk. \$1.50; bus. \$4.00.

Rosen Winter. Winter Rye will not mature if sown in spring. Qt. 55c.

SUGAR-CANE · SORGHUM

Early Amber. The seed can be threshed out of the stalks and used as poultry feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills 3½ feet apart; 1 to 2 bushels broadcast. 50 pounds per bushel. Qt. 35c.; 4 qts. \$1.10.

SUNFLOWER

Mammoth Russian. This makes an excellent poultry feed for winter use. Will yield as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 40c.; 3 lbs. \$1.15; 5 lbs. \$1.85; 10 lbs. \$3.50.

SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Thrives well in a season of drought. 40 pounds per bushel. Lb. 35c.

TIMOTHY

If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. 45 pounds per bushel. 10 lbs. \$1.50; bus. \$4.50.

VETCHES · TARES

Winter (*Vicia villosa*). Sometimes called Sand or Hairy Vetch. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. 60 pounds per bushel. Lb. 45c.

Spring (*Vicia sativa*). It is not hardy and must be sown in the spring, in May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats for support. 60 pounds per bushel. Lb. 40c.; 10 lbs. \$2.00.

BUCKWHEAT

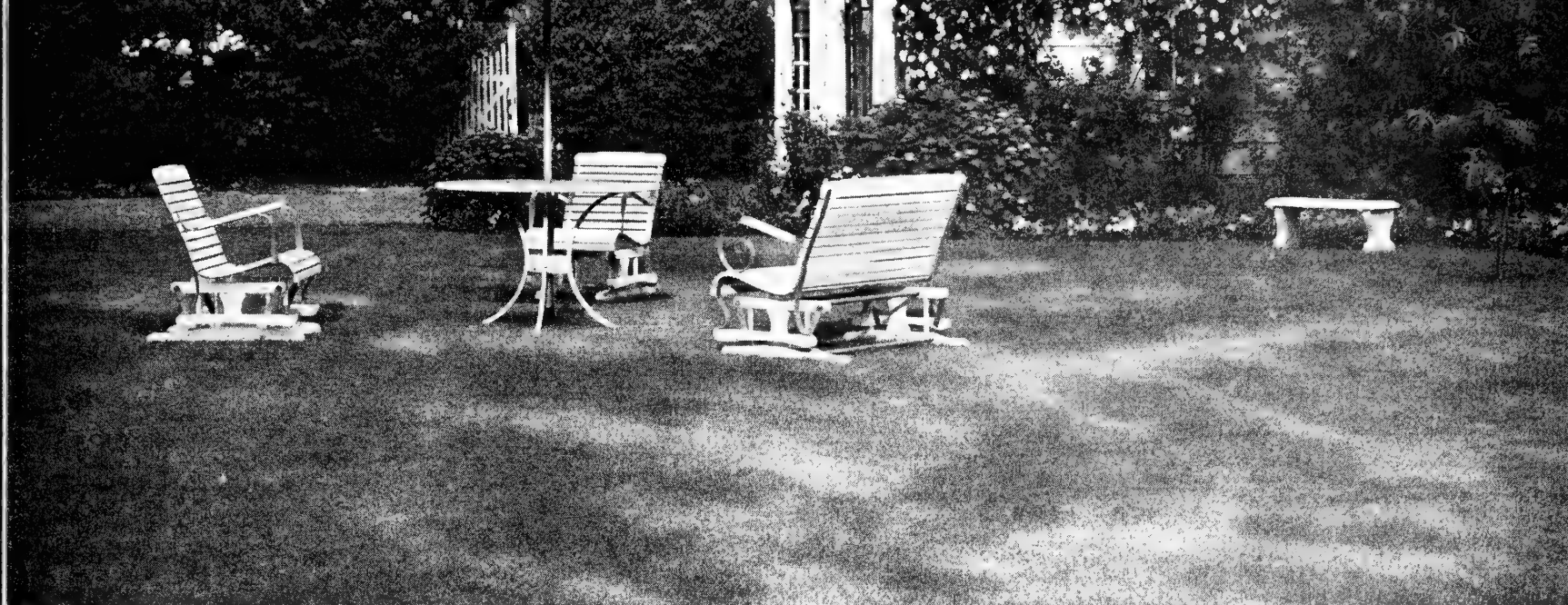
In the locality of Philadelphia this is sown any time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry-feed. Frequently yields 80 bushels to the acre. 48 pounds per bushel. Qt. 40c.; 4 qts. \$1.00.

SPRING WHEAT

Marquis. A favorite sort in this locality, early, prolific, and vigorous. It often produces 50 bushels per acre. Sow in April or May, 1½ to 2 bushels per acre, broadcast or in drills. 60 pounds per bushel. Qt. 35c.

Two-bushel seamless sacks, used in shipping farm seeds, in one-bushel lots and over, are charged for at 25c. each; returnable at price charged if in good condition and prepaid.

See page 1 for Parcel Post rates



A beautiful lawn is the ideal background for your home and garden. The soft green velvety turf gives an air of peace and tranquility to the landscape

MICHELL'S *Reliable Grass Mixture*

SEEDING at the proper time is half the secret of success in lawn-making. But on *the seed you sow* will depend success or failure. Quality in grass seed is of particular importance. The initial cost of the *best* seed is small compared with the time and labor of weeding and probable replanting which results from cheap, inferior seed. And the satisfaction derived from a really good lawn is immeasurable.

Michell's Lawn Seed has been a leader in high quality for over fifty years. Many of the better lawns in this country are the result of Michell's seed, plus proper care. The answer lies in our insistence on furnishing only that seed which meets our rigid specifications of highest purity and germination and maximum freedom from weeds.

Quantity to sow for Lawns. We recommend sowing: 5 pounds per 1000 square feet; 150 pounds per acre on new ground without grass. In renovating established lawns, use half the above quantities.

MICHELL'S "GREEN VELVET" LAWN SEED

For the Open, Sunny Lawn

This proved formula is the result of many years of experience under practical conditions. It is made up of the strongest, finest and most permanent grass varieties suitable for the lawn. Under proper conditions it will produce a fine, deep-rooted turf, velvety in appearance and sturdy enough to withstand constant use. Lb. 85c.; 3 lbs. \$2.40; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$16.75; 100 lbs. \$65.00.

MICHELL'S EVERGREEN LAWN SEED

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-blended, hardy grasses, capable of withstanding considerable wear and periodic dry spells. 1/2 lb. 40c.; lb. 75c.; 3 lbs. \$2.20; 5 lbs. \$3.25; 10 lbs. \$6.00; 25 lbs. \$14.50; 100 lbs. \$55.00.

MICHELL'S FAIRMOUNT PARK LAWN SEED

A mixture meeting the requirements of those desiring a moderately priced grass seed. Lb. 60c.; 3 lbs. \$1.65; 5 lbs. \$2.50; 10 lbs. \$4.50; 25 lbs. \$10.50; 100 lbs. \$40.00.

MICHELL'S TOP-NOTCH LAWN SEED

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. 3 lbs. \$3.15; 5 lbs. \$5.00; 10 lbs. \$9.50; 25 lbs. \$23.00; 100 lbs. \$90.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Send for our FREE booklet, "Lawn Pointers," for suggestions on the care of your lawn

MICHELL'S "SHADED" LAWN SEED

Overcomes the Shade Problem

Just the seed for those shady places where "grass simply won't grow." We have combined a mixture that actually thrives in heavily shaded locations, under the proper soil conditions. Consult us for methods of correcting drainage problems, acidity, low fertility and other reasons leading to this type of grass failure. Lb. 90c.; 3 lbs. \$2.60; 5 lbs. \$4.00; 10 lbs. \$7.50; 25 lbs. \$18.00; 100 lbs. \$70.00.

MICHELL'S CLOVER LAWN SEED

The increasing demand for a grass seed mixture containing an unusually large proportion of White Clover induced us to offer this brand, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Excellent for sea-shore lawns. Lb. \$1.10; 3 lbs. \$3.15; 5 lbs. \$5.00; 10 lbs. \$9.50; 25 lbs. \$23.00; 100 lbs. \$90.00.

MICHELL'S WHITE CLOVER SEED

There is no Clover used in the above lawn mixture. For those desiring Clover in their lawns, we recommend Michell's White Clover. Sow separately to obtain even distribution and more satisfactory results. Oz. 15c.; 1/4 lb. 40c.; 1/2 lb. 65c.; lb. \$1.25; 5 lbs. \$5.65; 10 lbs. \$10.70; 25 lbs. \$25.75; 100 lbs. \$100.00.

GRASS HAS A TREMENDOUS APPETITE

and only by furnishing the right food at the proper time can the best results be achieved. **Michell's Lawn Dressing** has been developed expressly for this purpose. Applied now at the rate of 25 pounds per 1000 square feet on established lawns, it will immediately strengthen and improve the color of the grass. In making a new lawn, about 40 pounds per 1000 square feet should be worked into the top 3 inches of the soil. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.75.

Michell's Reliable Grass Mixtures for All Conditions

for Special Problems

Michell's Terrace Lawn Seed

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. Lb. 90c.; 3 lbs. \$2.60; 5 lbs. \$4.00; 10 lbs. \$7.50; 25 lbs. \$18.00; 100 lbs. \$70.00.

If you have had difficulty in establishing turf on steep slopes and terraces, you need EROSIONET. See page 94

Michell's Seashore Lawn Seed

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested. Lb. \$1.10; 3 lbs. \$3.15; 5 lbs. \$5.00; 10 lbs. \$9.50; 25 lbs. \$23.00; 100 lbs. \$90.00.

Michell's Special Sod Grass Seed

Developed especially for cemetery work and a popular favorite with many of the large burial parks. 5 lbs. \$4.50; 10 lbs. \$8.50; 25 lbs. \$20.50; 100 lbs. \$80.00.

Michell's Southern Evergreen Lawn Seed

Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. Lb. 85c.; 3 lbs. \$2.40; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$16.50; 100 lbs. \$65.00.

Michell's Superior Bent Grass Mixture

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. Lb. \$1.50; 3 lbs. \$4.40; 5 lbs. \$7.00; 10 lbs. \$13.50; 25 lbs. \$32.50; 100 lbs. \$125.00.

The New Jersey Lawn Seed Mixtures

Developed and recommended by the New Jersey Agricultural Experiment Station.

N. J. No. 1. Standard Mixture. Lb. 90c.; 10 lbs. \$8.50; 25 lbs. \$20.00; 100 lbs. \$75.00.

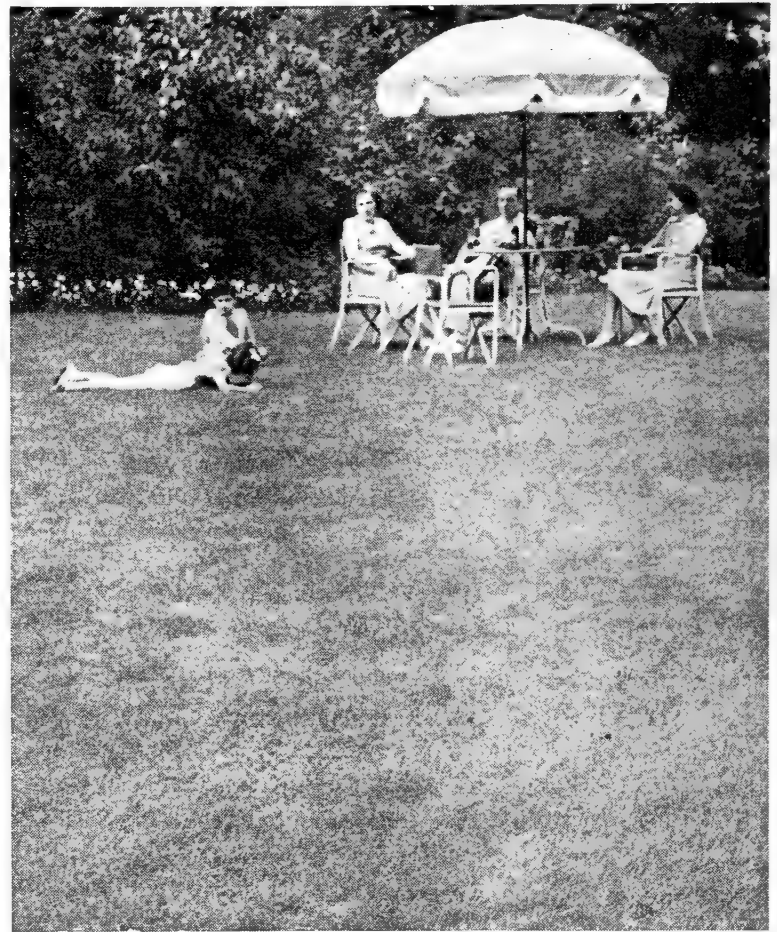
N. J. No. 1A. Standard Mixture with Clover. Lb. 90c.; 10 lbs. \$8.50; 25 lbs. \$20.00; 100 lbs. \$75.00.

N. J. No. 2. Finest Quality Turf Mixture. Lb. \$1.25; 10 lbs. \$11.00; 25 lbs. \$26.00; 100 lbs. \$100.00.

N. J. No. 3. Shaded Area Mixture. Lb. \$1.25; 10 lbs. \$11.00; 25 lbs. \$26.00; 100 lbs. \$100.00.

N. J. No. 4. For Terrace and Sandy Soil, without Clover. Lb. \$1.25; 10 lbs. \$11.00; 25 lbs. \$26.00; 100 lbs. \$100.00.

N. J. No. 4A. For Terrace and Sandy Soil, with Clover. Lb. \$1.25; 10 lbs. \$11.00; 25 lbs. \$26.00; 100 lbs. \$100.00.



Recreational Lawn

Grass Seed for Recreational Grounds

The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

MICHELL'S PUTTING-GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow at the rate of 1 pound to 100 square feet. Lb. \$1.25; 3 lbs. \$3.60; 5 lbs. \$5.65; 10 lbs. \$10.70; 25 lbs. \$25.75; 100 lbs. \$100.00.

MICHELL'S FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre. 10 lbs. \$8.50; 25 lbs. \$20.50; 100 lbs. \$80.00.

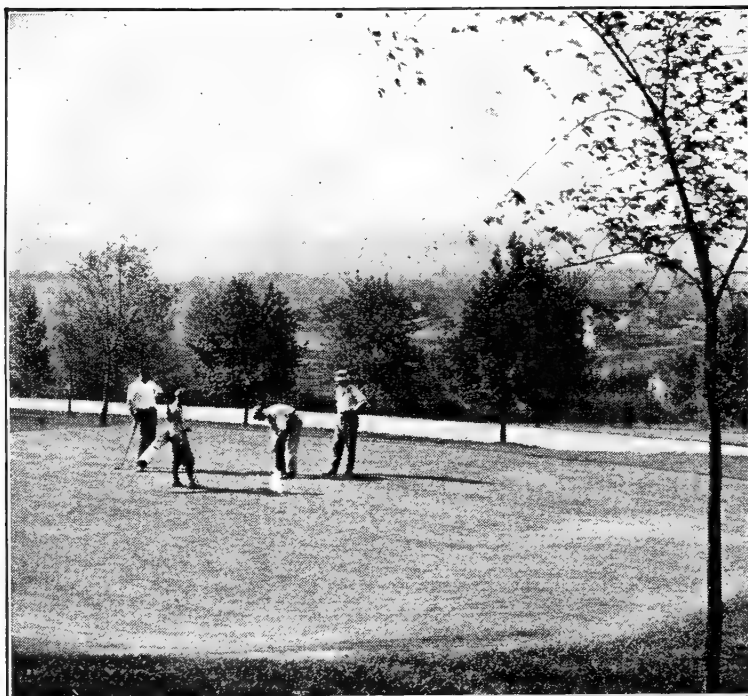
MICHELL'S TENNIS-COURT MIXTURE

Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 5 pounds to 1000 square feet. 5 lbs. \$7.00; 10 lbs. \$13.50; 25 lbs. \$32.50; 100 lbs. \$125.00.

MICHELL'S ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. 5 lbs. \$4.50; 10 lbs. \$8.50; 25 lbs. \$20.50; 100 lbs. \$80.00.

For a BETTER LAWN use MICHELL'S LAWN DRESSING, the ideal grass fertilizer. See page 108.



Golf Course

ALL PRICES SUBJECT TO MARKET CHANGES

Grasses in Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.



Seashore Lawn Grass

Bent Grass, Certified Seaside (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes a perfect putting-green turf. Lb. \$2.00; 10 lbs. \$19.00.

Bent Grass, Astoria. A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. \$1.65; 10 lbs. \$16.00.

Bent Grass, Colonial (*A. tenuis*; *A. capillaris*). A very fine-bladed grass, producing a thick turf. Especially valuable for putting-greens and fine lawns. Lb. \$1.60; 10 lbs. \$15.00.

Bermuda Grass (*Cynodon dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. Lb. 75c.; 10 lbs. \$7.00.

Blue Grass, Kentucky (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades.

Extra Fancy. Lb. 75c.; 10 lbs. \$7.00.

Superfine. Lb. 90c.; 10 lbs. \$8.50.

Blue Grass, Canada (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Lb. 75c.; 10 lbs. \$7.00.

Fescue, Alta. An improved strain of tall Fescue, related to Meadow Fescue but a better forage producer. It is excellent in pasture and is noted for high yields of forage. Will tolerate poorly drained conditions and improve the soil. The plant is a deep-rooted, tufted perennial grass, with dark green basal leaves and few seed stalks. It has a long growing season and is one of the few grasses remaining green throughout the season. Alta Fescue is also finding a place as a turf plant on airfields and roadsides. Lb. \$1.00; 10 lbs. \$9.50.

Fescue's Chewing's (*Festuca rubra-fallax*). Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil conditions. Excellent for the lawn or putting-green. Lb. 90c.; 10 lbs. \$8.50.

Fescue, Genuine Red Creeping (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Lb. 90c.; 10 lbs. \$8.50.

Fescue, Meadow (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Lb. 50c.; 10 lbs. \$4.75.

Fescue, Kentucky 31. A new strain of Fescue developed recently. Very deep rooting, able to crowd out the most persistent weeds. Lb. \$2.00; 10 lbs. \$19.00.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. 45c.; 10 lbs. \$4.00.

Red-Top (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil conditions.

Extra Fancy. Lb. 35c.; 10 lbs. \$2.75.

Superfine. Lb. 40c.; 10 lbs. \$3.50.

Rye Grass, Domestic. A quick-growing annual grass, useful where immediate effect is desired. Lb. 30c.; 10 lbs. \$2.75.

Rye Grass, Perennial (*Lolium perenne*). Imported. A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Lb. 40c.; 10 lbs. \$3.75.

Rye Grass, Italian (*L. italicum*). Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Lb. 30c.; 10 lbs. \$2.75.

Timothy (*Pbleum pratense*). A grass of high value for hay and pastures. Lb. 20c.; 10 lbs. \$1.50.

WHITE DUTCH LAWN CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired. Especially adapted for seashore lawns. Oz. 15c.; 1/4 lb. 40c.; 1/2 lb. 65c.; lb. \$1.25; 5 lbs. \$5.65; 10 lbs. \$10.70; 25 lbs. \$25.75; 100 lbs. \$100.00.

Grass Seed for the Farm

Michell's Permanent Hayfield Grass Seed

We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. 5 lbs. \$3.00; 10 lbs. \$5.50; 25 lbs. \$13.00; 100 lbs. \$50.00.

Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. 5 lbs. \$3.00; 10 lbs. \$5.50; 25 lbs. \$13.00; 100 lbs. \$50.00.

WILD WHITE CLOVER

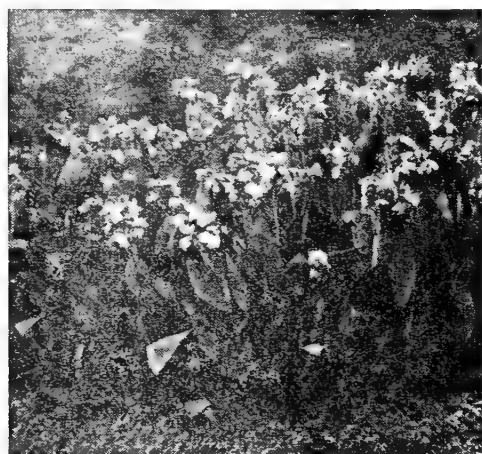
A remarkable new Clover in this country for improving pastures. See complete description and prices on page 45.



Permanent Pasture

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Large-Flowering Cannas



Cannas

Ambassador. Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Hungaria. Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

King Humbert. Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$11.00.

Prices of Canna Plants. If plants are wanted, they are ready about May 10, and will be supplied at the following prices: Doz. \$6.00; 100, \$45.00. Please specify if Roots or Plants are wanted.

Louis Cayeux. A glowing pink. Foliage green. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Richard Wallace. Large, showy, pure canary-yellow flowers. Green foliage. 4½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

The President. Rich glowing scarlet. Green foliage. 4 ft. Roots, 3, 50c.; doz. \$1.75; 100, \$11.00.

Yellow King Humbert (Queen Helen). Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Mixed Cannas. All colors. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Canna roots are carefully selected and true to name

Michell's Hardy Garden Lilies

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

CULTURAL DIRECTIONS. All Hardy Lilies should be planted from 6 to 10 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their sides instead of upright. Cover with leaves or litter during winter.

Regal Lily • *Lilium regale*

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

Large Selected. Each 35c.; doz. \$4.00; 100, \$27.50.

Mammoth. Each 50c.; doz. \$5.00; 100, \$40.00.

Monster. Each 60c.; doz. \$6.00; 100, \$45.00.

Jumbo. Each 75c.; doz. \$8.00; 100, \$60.00.



Lilium regale

Philippinense. This wonderful Lily produces large pure white blooms tinted with rose on the outside. In size and form it resembles the Easter Lily, with a similar delightful fragrance. It is a profuse bloomer and invaluable as a cut-flower. Each 40c.; doz. \$4.50; 100, \$35.00.

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red. One of the old garden favorites. Height 4 to 5 feet. September.

	Each	Doz.
Mammoth bulbs.....	\$1 00	\$10 00
Top-size bulbs.....	1 15	13 00
Jumbo bulbs.....	1 50	17 00

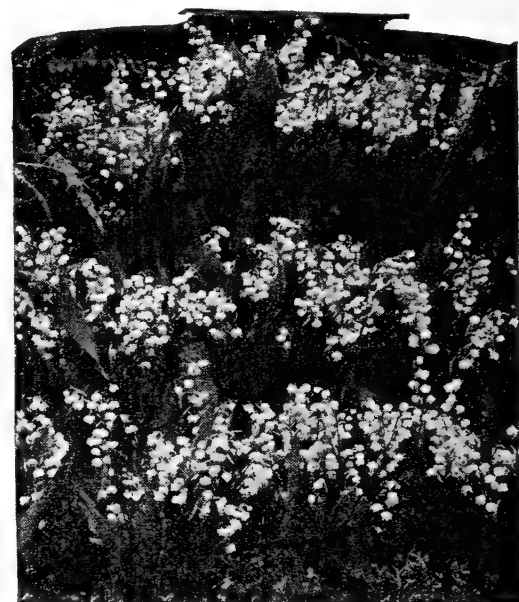
Superbum. Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. August. Each 40c.; doz. \$4.50; 100, \$32.50.

***Tenuifolium.** Coral Lily. A very graceful, dwarf Lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June. Each 25c.; doz. \$2.75; 100, \$20.00.

LILIUM WILLMOTTIÆ. A vivid orange-red with recurved petals and many small brown spots. Height 4 to 5 feet. July, August. Each 40c.; doz. \$4.00; 100, \$30.00.

Lily-of-the-Valley Pips

Bundles. For outdoor planting only. Bundles contain 25 good-sized pips, with good root-growth, all of which will flower with the proper care. The best of the stock is being selected for us. We can make shipment of these up to April 1. Bundles of 25 pips \$1.00; doz. bundles \$10.00.



Lily-of-the-Valley

Miscellaneous Lilies

Canadense. Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July. Each 35c.; doz. \$3.50; 100, \$25.00.

***Elegans, Mixed.** Shades of orange. 2 ft. June, July. Each 35c.; doz. \$3.50; 100, \$25.00.

Henryi. Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, August.

	Each	Doz.	100
Mammoth bulbs....	\$0 50	\$5 50	\$40 00
Top-size bulbs....	75	8 00	55 00

Pardalinum. Sunset Lily. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. Moisture-loving, and does exceptionally well where lime is not prevalent. Base-rooting; plant 5 inches deep. Each 40c.; doz. \$4.50; 100, \$32.50.

The varieties marked ★ are excellent for the rockery.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Gorgeous Gladiolus

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut-flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

For 1948 Gladiolus Collection

	Doz.	100
Picardy. Flesh-pink.....	\$1 00	\$7 00
Golden Eagle. Yellow....	75	5 50
Snow Princess. Pure white	1 25	9 00
Excellence. Bright scarlet.	1 00	7 00

Special Collection of above varieties

5 each 4 varieties (20 bulbs)....	\$1 50
10 each 4 varieties (40 bulbs)....	2 75
25 each 4 varieties (100 bulbs)....	6 50

Pink Shades

Bagdad. Delicate smoky old-rose, deepening toward edges of petals, with lighter throat; large flowers. Doz. 75c.; 100, \$6.00.

Break of Day. La-France-pink penciled on scarlet. Doz. 75c.; 100, \$6.00.

Debonair. La-France-pink, shading to shrimp-pink toward the center, with creamy throat. Doz. 85c.; 100, \$6.50.

Early Dawn. Beautiful salmon-pink. Doz. \$1.00; 100, \$7.00.

Lulu Hunt. Rich geranium-pink. Early. Doz. \$1.00; 100, \$7.00.

Margaret Fulton. Pretty soft medium dark salmon. Good pink for early midseason. Doz. 85c.; 100, \$6.50.

Phyllis McQuiston. A very large, light pink floret suffused with cream-yellow. Strong grower; very desirable. Doz. 85c.; 100, \$6.50.

Picardy. It makes tall growth and bears unusual spikes of beautiful flesh-pink florets, shading to soft shrimp-pink toward the edges of the petals. Doz. \$1.00; 100, \$7.00.

Rosa van Lima. A pure clear pink with no shade of salmon as most pink Glads have. Doz. \$1.00; 100, \$7.00.

Yellow Shades

Gate of Heaven. Pure deep yellow; flowers large, heavily ruffled. Doz. 85c.; 100, \$6.50.

Golden Eagle. Intense daffodil-yellow flowers with delicate pink markings on the lower petals. Doz. 75c.; 100, \$5.50.

Paradise. Large; tall growing; apricot; slightly ruffled, with many flowers on spike. Doz. 85c.; 100, \$6.50.

Primrose Princess. Large; light yellow, carmine markings. Doz. 85c.; 100, \$6.50.

Shirley Temple. Light cream, with a rich creamy yellow throat; large, ruffled, 6-inch florets with as many as 8 to 10 open at one time. Doz. \$1.00; 100, \$7.00.

Red and Scarlet Shades

Beacon. Salmon-red with large cream blotches; flowers large and slightly ruffled. Long, strong stems. Doz. \$1.00; 100, \$7.00.

Dr. F. E. Bennett. Peach-red, overlaid flame color, throat finely stippled ruby and white. Doz. \$1.25; 100, \$8.00.

Dream of Beauty. A rosy purplish red (deep wine color) of great beauty. Doz. \$1.25; 100, \$8.00.

Excellence. Bright scarlet. Early to bloom; good for cutting. Doz. \$1.00; 100, \$7.00.

Flaming Sword. Very early. Bright scarlet-red. Doz. 75c.; 100, \$6.00.

Red Phipps. A shade of light red. Growth is medium tall and produces long spikes of large florets. Doz. \$1.00; 100, \$7.00.

Outstanding Varieties of Recent Introduction

Blue Beauty. This Gladiolus is well named, for it surely is a "blue beauty." The deep blue shade becomes a bit lighter at the edges of the petals. It is a tall, strong grower and produces long spikes that will open eight florets at once. Doz. \$1.50; 100, \$10.00.

Corona. This variety is creamy white with rosy lavender edge around petals. Very striking, as petals are of the round type which attract much attention. Doz. \$1.50; 100, \$10.00.

King Lear. Blooms of clear deep reddish purple with a silvery line at the edges, carried on tall spikes. Florets are very large and heavily ruffled. Doz. \$1.25; 100, \$9.00.

Miss Bloomington. An excellent yellow variety which is becoming more and more popular. Early-flowering; medium yellow shading slightly deeper at throat without any markings. Doz. \$1.00; 100, \$7.00.

New Europe. Large, sparkling orange-scarlet. Doz. \$1.50; 100, \$10.00.

Rewi Fallu. Giant, dark blood-red blooms. Fast becoming a general favorite. Doz. \$1.25; 100, \$9.00.

Rocket. Bright scarlet of a pleasing shade, and one of the very best varieties this season. A tall grower with seven or more perfect blooms at a time. Doz. \$1.25; 100, \$9.00.

Silentium. White blending to cream, with carmine markings in throat. Early flowering, with tall spikes that have many open florets at one time. Doz. \$1.50; 100, \$10.00.

Wanda. Sport of Picardy and one of the best creamy whites on the market. Large flowers on tall spikes. Doz. \$1.25; 100, \$9.00.

White Shades

Maid of Orleans. Best described as creamy white. Doz. \$1.00; 100, \$7.00.

Margaret Beaton. Clear white with orange-red blotch. An outstanding variety. Doz. \$1.25; 100, \$8.50.

Snow Princess. Pure white, similar to Maid of Orleans and much in demand. Doz. \$1.25; 100, \$9.00.

Vredenburg. An early pure white of heavy substance. Doz. \$1.25; 100, \$9.00.

Blue, Lilac, and Purple Shades

Ave Maria. Glowing lilac-blue, each flower marked with a small purple blotch. Doz. \$1.25; 100, \$9.00.

Berty Snow. Large pinkish lavender flowers. Doz. \$1.00; 100, \$7.00.

Early Melody. Light lavender. Doz. \$1.00; 100, \$7.00.

King Arthur. Immense; heavily ruffled; lavender or mauve. A unique shade that is attractive and original. Doz. \$1.00; 100, \$7.00.

Lavender Ruffles. Slightly ruffled pinkish lavender with a white throat. Doz. \$1.00; 100, \$7.00.

Minuet. Light lavender with 4 to 6 large, heavy blooms open at one time. Doz. \$1.50; 100, \$10.00.

Pelegriña. It has a most unusual flower and especially good all-round habits for a blue. Doz. \$1.25; 100, \$9.00.

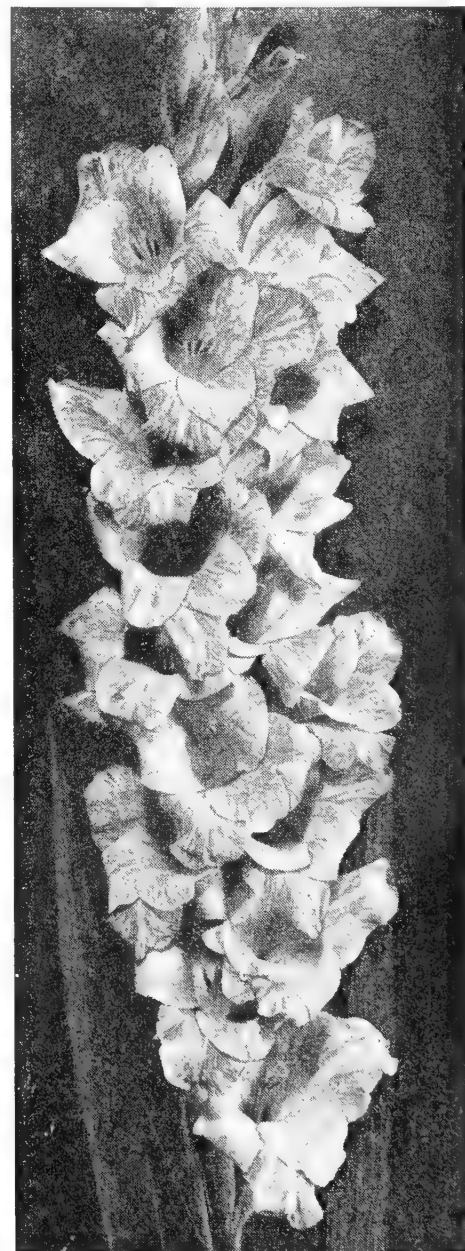
Pride of Wanaka. Large; deep lavender-rose with deeper blotch in throat. Doz. 85c.; 100, \$6.50.

Mixture of Gladiolus

Michell's Giant Exhibition. Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers.

First-size bulbs, doz. 75c.; 100, \$5.50; 1000, \$50.00.

Second-size bulbs, doz. 60c.; 100, \$4.50; 1000, \$40.00.



Gladiolus

ALL PRICES SUBJECT TO MARKET CHANGES



Michell's Meritorious Dahlias

TIME OF SHIPMENT. Unless specially requested, tubers will be shipped March 15 to June 1; plants, May 15 to June 15.

CULTURE. Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with manure or Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bonemeal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bonemeal at this time to good advantage.

How to Keep Dahlia Tubers After They Are Shipped to You If Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisture too much; keep in a cool place, but not where they will freeze.

New and Recent Introductions

ID., Informal Decorative; FD., Formal Decorative; MID., Miniature Informal Decorative; SC., Semi-Cactus; C., Cactus; IC., Incurved Cactus; Col., Collarette.

Garden State FD.

OUR 1947 INTRODUCTION

This grand new flower has everything desired in a Dahlia. The color is amaranth-pink, according to "Ridgway's Color Standards." The blooms average 7 to 8 inches across and are held facing on long stiff stems. The bush is open in growth with healthy, medium dark foliage. Height 4 feet. A limited number of roots available at \$2.50 each.

Aglow. ID. Amber-yellow heavily suffused scarlet on the center of each petal, enhanced by a golden sheen over all. A popular autumn shade. Roots, \$3.00. Plants, \$1.50.

Bataan. SC. Blooms are beautiful scarlet, tipped gold and held on good straight stems. Very attractive and fine for cutting. Roots, \$1.00.

Confucius. SC. Coral-red blooms of large size. Very early and a free bloomer. Bushes are medium in height; stems are long and slender, holding the flowers at a nice angle. Roots, \$1.00.

Faithful. SC. Bush growth is sturdy, with well-proportioned stems and glossy green foliage. Pure white blooms which are always full-centered. Roots, \$2.00. Plants, \$1.00.

Flying Fortress. ID. Soft scarlet with a lighter reverse. Artistic in form and brilliant in color. A profuse bloomer and a rugged healthy grower. Roots, \$1.00.

Greater Glory. C. Deep rose-pink tinting lighter at center. Flowers have excellent formation and are held on good stems. A tall, vigorous bush. Roots, \$2.00.

Jubilant. MID. Color is cherry-red, inclined orange, with a lighter reverse. There is just no end of blooms, which hold perfect centers. Makes a gay, bright spot in any garden. Roots, \$1.50.

King David. (Corbett-Dahliadel.) FD. A stunning 9 by 5-inch Formal of regal color. Rich deep purple, inclined to violet-purple, which does not fade. Grows about 4½ feet with plenty of stem for cutting. Roots, \$1.50.

King Peter. FD. A large white tipped lavender-pink. Very striking. Roots, \$1.50.

Michigan White. SC. One of the very best of the white cut-flower Dahlias. A prolific bloomer with good substance. Flowers are of medium size. Roots, \$1.00.

Mme. Chiang Kai-shek. ID. Deep lemon-yellow, with a soft peach and mauve suffusion on the reverse and tips of petals. Unusually wavy petals; plant strong and robust. Roots, \$2.00. Plants, \$1.00.

Pink Josephine. ID. Beautiful lavender-pink. Produces large blooms on long stems. Early and prolific. Roots, \$1.00.

Rhythm. (Dozier-Dahliadel.) IC. This 8-inch Incurved Cactus is an exquisite beauty with its attractive double serrated tips. Cameo or shrimp-pink color with suffusions of soft rose and lemon shadings at the base of the petals and center of the flower. Roots, \$2.50. Plants, \$1.50.

Sherwood's Peach. ID. Orange-apricot. Cane-like stems with insect-resistant foliage. Roots, \$2.00. Plants, \$1.00.

Southern Thorobred. SC. Very large, mauve-lavender flower that has been grown to 13 inches across. The flowers are shaggy and are held facing on long stems. Bushes grow tall. Roots, \$2.00.

Temptation. Single. Scarlet-red, almost identical to a poinsettia in color and form. Stands plenty of sunshine without burning or fading. Roots, \$1.50. Plants, 75c.

DAHLIAS CONTINUED ON PAGES 52 AND 53

MICHELL'S MERITORIOUS DAHLIAS, continued

New and Recent Dahlia Introductions, continued

The Dragon. ID. Petals are apricot in the center, edged lengthwise on both sides with rose-pink. A rugged, insect-resistant plant which can be grown by anybody. Roots, \$2.00. Plants, \$1.50.

Wings. SC. Large; dark amaranth-red. A vigorous grower with dark foliage and long, erect stems. Highly recommended. Roots, \$2.00.

Winter Carnival. SC. Crystal-white. Stems are strong. Very popular, as it is easy to grow. Roots, \$1.50.

Decorative Types

D., Decorative; ID., Informal Decorative; FD., Formal Decorative.

A. G. Goodacre. FD. Best formal yellow and white bicolor that we have found. Strong, rugged and profuse. Roots, \$1.00.

Alice May. ID. Pure white with slight yellow cast at base of petals. An all-round Dahlia. Roots, \$1.00.

Blue Jersey. FD. A lavender-pink sport of Jersey's Beauty with all its growing qualities. Roots, 50c.

California Idol. ID. A clear, bright self-colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across. Roots, 75c.

Carl G. Dahl. ID. Apricot-buff shaded old-rose on reverse of petals. Loose petalage with enormous blooms. Roots, \$1.00.

Cherokee Brave. ID. Oxblood-red that holds its color in the sun. Blooms of great depth and measure 10 to 13 inches across. Roots, \$1.00.

Dahlia m. ID. A very large flower of a yellow-buff and amber combination suffused gold. Petals are twisted. Roots, \$1.00.

Darcy Sainsbury. FD. Very large, creamy white flowers of perfect form. Keeps well. Roots, \$1.00.

De Molay. (Danliadel.) FD. A velvety crimson-red Formal Decorative with blooms 9 by 5 inches. A strong, rugged grower that does well in ordinary culture. Roots, 75c.

Decorative Types, continued

Gallant Fox. FD. An outstanding luminous dark red. Sturdy stem, fine color and good keeping qualities. Roots, 50c.

Glamour. ID. An unusual color combination of purple veined violet-rose. Tall, heavy grower; stiff stems. Roots, \$1.00.

Golden Eclipse. FD. Clear golden yellow with salmon and flesh shadings at center. Roots, 50c.

Golden Prince. ID. Rich blended peach, giving a bronzy effect. Most early and profuse bloomer. Roots, 75c.

Improved Francis Larocca. FD. Pale sulphur-yellow, very satisfactory as a cut-flower. Blooms profusely on good stems. Vigorous grower. Roots, 50c.

Jack Rose. ID. Free flowering; deep rose-red. Flowers keep well. Stem and bush growth excellent. Roots, 50c.

Jane Cowl. ID. Massive blooms of bronzy buff and old-gold, blending darker. Roots, 50c.

Jean Kerr. FD. A fine white Dahlia of medium size. Roots, 35c.

Jersey's Beauty. FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, 50c.

Jersey Red Beauty. FD. Rich deep red. Perfect form, good cut-flower. Roots, 50c.

Jersey White Beauty. FD. Pure white. Exceptional keeping qualities. Roots, 60c.

Jimmie Foxx. ID. Immense exhibition blooms of coppery red, shaded with henna. Strong plants producing flowers on straight stems, well above the foliage. Roots, \$1.00.

Josephine G. ID. A pleasing true pink of a bright shade, slightly veined and tipped yellow. Sturdy bush, with flowers held well above the dense foliage. Roots, 50c.

Kentucky. ID. Pure salmon-pink, similar in habit and form to Jersey's Beauty. Roots, 50c.

Kentucky Sportsman. ID. Lemon-yellow center; outer petals golden amber with old-rose reverse, tipped pure white. Roots, 75c.

Kentucky Sun. FD. Clear light lemon-yellow. Large uniform blooms on strong stems. Glossy green foliage. Roots, 35c.

Milton J. Cross. ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, measuring 12 inches across and 8 inches in depth, are held well above the foliage on long, straight, stiff stems. Roots, 75c.

Mrs. George LeBoutellier. ID. An exhibition variety of extra-large size and good form. Carmine-red. Roots, 50c.

Mrs. I. de Ver Warner. FD. A deep mauve-pink, immense flower of perfect form. Very popular. Roots, 35c.

Mrs. James Albin. FD. New deep yellow. Blooms are well formed and have excellent keeping qualities. Blooms freely. Roots, 50c.

Mrs. Wm. Knudsen. FD. A massive pure waxy white. Vigorous grower but should be planted early. Roots, 75c.

Murphy's Masterpiece. ID. A deep dark red shading crimson; very large blooms. Roots, \$1.00.

Pink Profusion. (Cordes-Dahliadel.) FD. This Formal of intense salmon-pink, edged deep rose-pink, develops a cream center as it fully opens. Perfect centers, sturdy growth, and glossy dark foliage. Roots, \$1.00.

Producer. ID. Flowers are orange-yellow suffused red. Plants are 4½ feet high. Roots, \$1.00.

Decorative Types, continued

Silver Lady. ID. Ivory-white delicately flushed and edged violet-rose. Rugged bush; vigorous foliage. Roots, \$1.00.

Sunrays. ID. Color, clear buff with apricot suffusion, with a distinct peach-red on reverse of petals. Roots, \$1.00.

Teeraween's Best. FD. Beautiful lavender flowers on good stems. Hardy bush about 5 feet tall. Roots, \$1.00.

The World. FD. Rich, deep rosy magenta, overlaid garnet, with silver shadings on edges. Roots, 50c.

Victory. FD. Two-toned pink with no hint of lavender. Faintly overlaid with chrome-yellow. Very pleasing. Roots, \$1.00.

Virginia Rute. SC. Rich oxblood-red shaded garnet. High full centers; long strong stems. One of the best. Roots, \$1.

Volcano. FD. An orange-flame-red which holds its color in the sun. Foliage is heavy and leathery. Keeps well. Roots, \$1.00.

Whirlaway. (Pittman-Dahliadel.) ID. Clear shade of soft lemon-yellow inclined to sulphur-yellow with rich green, glossy, holly-like foliage. Roots, \$1.00.

White King. FD. A good standard white. Very popular. Roots, 50c.

White Wonder. ID. Giant blooms of pure white with long, pointed, twisted petals. Strong stems. Roots, 50c.

Beauty Collection

	Roots
Blue River. Lavender.....	\$1 00
Cherokee Brave. Oxblood-red....	1 00
Michigan White. White.....	1 00
Pink Giant. Tyrian-pink.....	75
Volcano. Orange-flame-red.....	1 00
Value.....	\$4 75

SPECIAL COLLECTION: One root each of the above five varieties for \$3.50.

Garden Collection

	Roots
Gallant Fox. Dark red.....	\$0 50
Jane Cowl. Bronzy buff.....	50
Jersey's Beauty. Glowing pink...	50
Mrs. James Albin. Deep yellow...	50
White King. Pure white.....	50
Value.....	\$2 50

SPECIAL COLLECTION: One root each of the above five varieties for \$2.00.

Cactus Types

C., Cactus; SC., Semi-Cactus; IC., Incurved Cactus.

Amelia Earhart. SC. Apricot-buff, with salmon tints, shading to soft yellow at base of petals. Roots, \$1.50.

Cometeer. C. Rich golden yellow. A fine cut-flower; excellent keeper. Roots, 50c.

Ella May. C. Rhodamine-purple. Stem excellent and centers full. Roots, 75c.

Flash. SC. Petals are crimson with white tips; double serrations pointing in opposite directions. Roots, \$1.00.

Jean Trimbee. SC. The best garden purple, a bright petunia shade. Very early. Plants tall and stems long. Roots, \$1.00.

Jersey's Dainty. C. A truly dainty white variety faintly tinged lavender, almost pure white late in the season. Blooms 7 inches across and 3 inches deep. Roots, 50c.

Lady in Red. SC. A bright velvety red. Fine form. Dark green foliage. Roots, \$1.00.

Maffie. (Exnar-Johnson.) SC. Bush 6 feet. Blooms 13 by 8 inches. Lively carmine. Roots, 75c.

May Robson. SC. An attractive soft rose-pink. Erect stems with blooms well above foliage. Roots, \$1.00.



Cactus Dahlias

MICHELL'S MERITORIOUS DAHLIAS, continued

Cactus Dahlias, continued

Marietta. IC. Profuse bloomer with perfect stems and a good grower. A clear and even canary-yellow that does not burn or fade. Roots, \$1.00.

Miss Elsie Jane. SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Roots, 50c.

Son of Satan. SC. This is an improvement over Satan as it is a bright scarlet and has stronger stems. 11 by 5 inches. Bush 5 feet. Roots, \$1.00.

Student Prince. SC. A deep buttercup-yellow. Very popular. Large blooms on strong stems excellent for cutting. Roots, \$1.00.

Yellow Glory. SC. A very large lemon-yellow with curled and twisted petals. Plant growth is good, with strong stems and dark foliage. Roots, \$1.00.

Miscellaneous Varieties

Open-centered flowers with only one row of ray florets, regardless of form or number of florets.

Dahliadel Twinkle. (Orchid.) Blooms perfect in form and of a beautiful combination of white, suffused violet-rose, with distinct Tyrian rose mottlings on the reverse of the petals. Bush rather dwarf. Roots, 50c.

Charlotte Caldwell. (Ball.) Bright apricot suffused coral. Uniform blooms on strong stems. Roots, 50c.

Marshall's Gloria. (Single.) Striking bicolor of cardinal-red with white stripe in center of each petal. Roots, 50c.

Pequot Yellow. (Single.) A very large clear yellow, of good habit and growth. Roots, 50c.

Saturn. (Dahliadel.) Col. Pleasing clear yellow Collarete with a real yellow collar. Strong, erect stems—perfect form. Roots, 75c.

Scarlet Century. Bright, glowing scarlet on erect stems. Good grower with profuse, well-formed blooms. Roots, 35c.

Sparkle. Col. Pure white that truly sparkles. Blooms throughout season, without burning. Roots, 75c.

Miniature Dahlias

This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.

MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MP., Miniature Peony-flowered.

Andries Orange. MSC. Bright orange of exceptionally clear and attractive tone. Stems perfect and flowers of excellent form. Roots, 50c.

Baby Sagamore. MD. Amber-yellow with a peach-red suffusion. Stems strong and straight and flowers well under the maximum for Miniatures. Roots, 50c.

Billy Boy. MFD. Deep carmine. A fine keeper; excellent for cutting purposes. Roots, 35c.

Miniature Dahlias, continued

Bishop of Llandaff. MD. Bright scarlet with a deep garnet center. Foliage is lacy; of a reddish bronze color. Unusual and very popular. Roots, 50c.

Dubonnet. MSC. Deep oxblood-red that does not fade or burn. Very profuse bloomer with sturdy compact bushes. Roots, 50c.

Forest Fire, Jr. MID. In color it is indeed a miniature forest fire. It is amber-yellow suffused and veined soft cardinal. This variety grows from the middle of August until frost. Roots, 50c.

Joyce Ann. Pink shading lighter at tips and center. Uniform, artistic and attractive blooms. Stems strong and erect. Roots, 50c.

Little Fireball. MFD. Very bright red. Profuse and early, with long stems. Roots, 35c.

Little Roseata. MFD. An excellent pink. A fine keeper, and profuse bloomer. Roots, 50c.

Petit Prince. MSC. Yellow base, heavily suffused crimson-red. Artistic and uniform. Strong erect stems. Roots, 50c.

Pink Lassie. MP. A beautiful soft shade of rose-pink with cream and lighter shadings toward center. Roots, 50c.

Raleigh. MID. Bushes are strong and robust, 4 feet high, and stems stiff and erect. Blooms 3½ by 2 inches, deep rose-pink, shaded salmon. One of the earliest and longest to bloom. Roots, 50c.

Red Robin. MFD. A bright scarlet in a true miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Roots, 75c.

Rosalie White. MFD. Rose and white bicolor. Good grower, excellent for home decoration and cutting. Roots, 50c.

Snowsprite. MSC. Beautiful glistening white. Blooms of fine uniform shape are held well above robust plants in marked profusion. Roots, 50c.

Suffolk. MFD. Bright orange with blooms facing up on nice stems. A fine keeper. Roots, 35c.

White Fawn. MFD. Pure white. Rugged bush, heavy foliage and prolific bloom. Roots, 35c.

Miniature Collection

	Roots
Andries Orange. Bright orange.....	\$0 50
Bishop of Llandaff. Bright scarlet, deep center.....	50
Blue Bell. Blue-violet.....	50
Little Roseata. Pink.....	50
Snowsprite. Glistening snow-white.....	50
Sylvia. Deep carmine.....	50
Value.....	\$3 00

SPECIAL COLLECTION: One root each of above six varieties for **2.50**

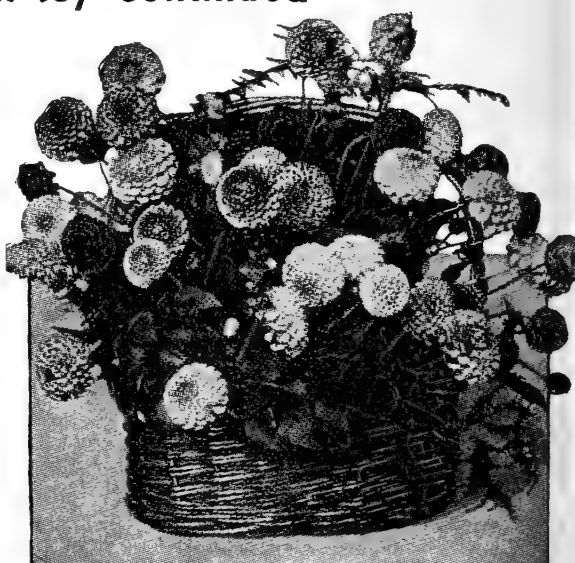
Pompon Varieties

A miniature form of Ball Dahlias. Very popular and used extensively for table decorations.

Amber Queen. Light bronze. Free bloomer; good for cutting. Roots, 35c.

Atom. Fiery red of perfect form. Small, early and profuse. Roots, 35c.

Betty Ann. Soft clear pink. Roots, 35c.



Pompon Dahlias

Pompon Varieties, continued

Betty Malone. Color white with each petal distinctly tipped violet-purple. Roots, \$1.00.

Brass Button. Light yellow. Consistently small. Roots, 40c.

Chita. Pure canary-yellow. Not temperamental. Blooms keep well. Very popular. Roots, 50c.

Honey. Pale yellow with faint suffusion of red on edges of petals. Free bloomer. Long stems. Roots, 35c.

Joe Fette. Pure white. Profuse bloomer. Roots, 35c.

Johnny Peppin. Dark red or maroon. A profuse bloomer with perfect small blooms. Roots, 35c.

Little Edith. Gold, suffused red. Free bloomer. Excellent for cutting. Roots, 35c.

Little Herman. Red and white bicolor. Very striking. Roots, 35c.

Little Snow White. A fine new white; free flowering. Flowers of good form with strong stems. Roots, 35c.

Mary Munns. Fuchsia color, orchid sheen. Roots, 35c.

Miss Alma. A good lavender; fine grower and profuse bloomer. Roots, 35c.

Morning Mist. White tipped lavender, rosy lavender at center. Popular. Roots, 35c.

Red Warrior. A new bright red very much in demand. Profuse, and blooms keep well. A little beauty. Roots, 40c.

Sherry. A deep purple which is nearly round and very attractive. Roots, 35c.

Snowclad. Pure white; free bloomer. Roots, 35c.

Yellow Gem. Pure light yellow. Free bloomer. Long stems. Roots, 35c.

Pompon Collection

	Roots
Amber Queen. Light bronze.....	\$0 35
Betty Ann. Soft clear pink.....	35
Little Herman. Red and white bicolor.....	35
Mary Munns. Fuchsia color, with an orchid sheen.....	35
Morning Mist. White tipped lavender.....	35
Yellow Gem. Light yellow.....	35
Value.....	\$2 10

SPECIAL COLLECTION: One root each of above six varieties for **\$1.75**

ALL PRICES SUBJECT TO MARKET CHANGES

Have you tried growing Calla Lilies outdoors?

Michell's Summer-Flowering Bulbs

Amaryllis

CULTURAL DIRECTIONS: There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam, mixed with some bonemeal or sheep-manure. Water sparingly at first but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower-spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 to 5 months, when they can be started again as described above.

Giant American Hybrids

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

	Each	Doz.
First size selected bulbs...	\$0 50	\$5 50
Mammoth bulbs.....	75	8 00
Jumbo bulbs.....	1 00	11 00

Michell's Superb Tuberous-Rooted Begonias

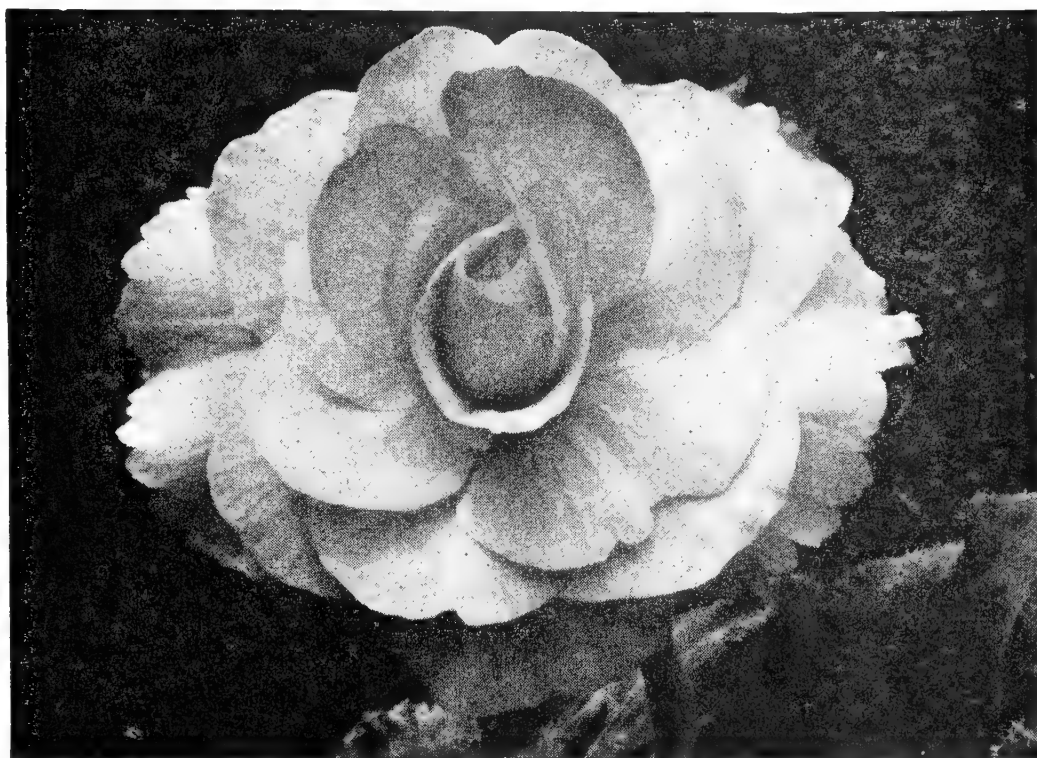
Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterrupted from latter part of June till frost.

Single Crispa Frilled Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 25	\$2 75	\$22 50
Pink, Rose.....	25	2 75	22 50
Salmon.....	25	2 75	22 50
Scarlet.....	25	2 75	22 50
White.....	25	2 75	22 50
Yellow.....	25	2 75	22 50

Double Camellia-Flowered Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 25	\$2 75	\$22 50
Pink, Rose.....	25	2 75	22 50
Salmon.....	25	2 75	22 50
Scarlet.....	25	2 75	22 50
White.....	25	2 75	22 50
Yellow.....	25	2 75	22 50



Begonia, Camellia-Flowered

Begonia Pendula

(HANGING-BASKET TYPE)

Unsurpassed for vases, hanging-baskets, porch- and window-boxes. Medium-sized flowers all season.

Mixed Colors. Each 25c.; doz. \$2.75; 100, \$22.50.

Fancy-leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

Extra Highly Colored Named Varieties

3 for \$1.00; doz. \$4.00; 100, \$30.00.

Mixed Varieties

An assortment especially blended for us. 3 for 90c.; doz. \$3.50; 100, \$25.00.

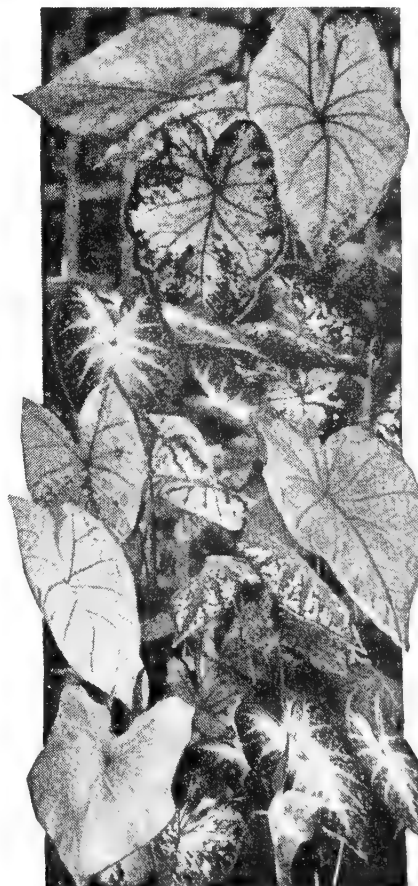
NOTE: It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.

Calla Lilies

Excellent as a pot-plant for the window-garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1, after which they can be safely planted out.

Elliottiana. Yellow flower as large as the common white Calla. Spotted leaf.

	Each	Doz.	100
Selected bulbs.....	\$0 30	\$3 00	\$22 50
Mammoth bulbs...	40	4 50	35 00
Spotted. Flowers white. Foliage green spotted white.....	40	4 50	35 00



Caladiums, Fancy-leaved

MICHELL'S SUMMER-FLOWERING BULBS, continued



Gloxinias

Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until May 15. We offer extra-fine, large bulbs.

	Each	Doz.	100
Emperor Frederick. Red, striped white..	\$0 40	\$4 75	\$37 50
Emperor William. Purple, striped white	40	4 75	37 50
Etoile de Feu. Scarlet.....	40	4 75	37 50
Mont Blanc. White..	40	4 75	37 50
Roi des Rouges. Dark red.....	40	4 75	37 50
Tigrina. Spotted....	40	4 75	37 50
Violacea. Light purple.....	40	4 75	37 50

Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Monster roots, 3, 40c.; doz. \$1.50.

Gloriosa superba Rothschildiana

Handsome African tuberous-rooted plant known as "Climbing Speciosa Lily," used mostly as a greenhouse climber, but can be grown successfully outdoors in a warm, sunny location. May be grown on a trellis as it finds support through the numerous tendrils. It grows 6 to 8 feet and produces large, gorgeous, lily-like flowers which open bright yellow, changing to deep scarlet. Strong tubers. Each \$1.00; doz. \$10.00.

Ismene calathina

(PANCRATIUM LILY, PERUVIAN DAFFODIL)

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, each 40c.; doz. \$4.50.



Montbretias

Montbretias

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

	Doz.	100
Aurora. A fine golden orange..	\$1 50	\$10 00
Fire King. Fiery red.....	1 00	7 00
George Davison. Pure golden yellow.....	1 00	7 00
His Majesty. Rich yellow center, shading to scarlet. . .	1 75	12 00
King Edmund. Rich golden yellow, with brown markings in throat.	1 00	7 00
Choice Mixed	85	6 00

Other varieties of Montbretias supplied on request

ALL PRICES SUBJECT TO MARKET CHANGES

Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers, 3, 40c.; doz. \$1.50.

Oxalis

(SUMMER-BLOOMING)

Valuable for edging the borders of walks or flower-beds.

	Doz.	100
Deppi. Small white flowers.....	\$0 35	\$2 50
Shamrock. Clover-like foliage. Pink flowers.....	35	2 50
Mixed Oxalis	30	2 00



Tigridia Pavonia

Tigridia Pavonia

(MEXICAN SHELL-FLOWER)

Hybrids, Mixed. An excellent flowering bulb for the garden, known as the Tiger or Shell-Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. 3, 50c.; doz. \$1.75; 100, \$12.00.

Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

Albino or Mexican. Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. Doz. \$1.50; 100, \$10.00.

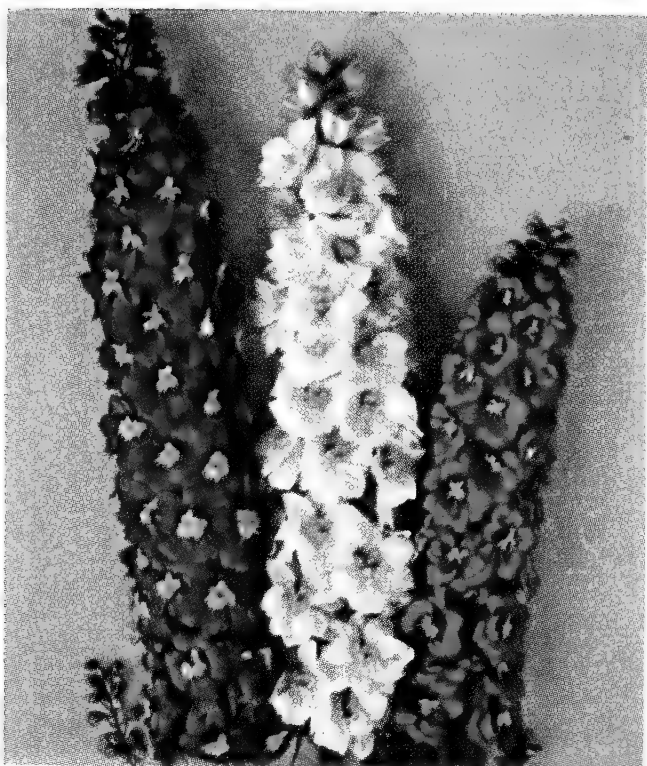
Double Pearl. Double; pure white. Doz. \$2.00; 100, \$15.00.

Zephyranthes

(FAIRY LILY)

This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

	Doz.	100
Carinata. Very large, showy pink blooms.....	\$0 90	\$6 00
Treatiae rosea. Clear rose...	90	6 00

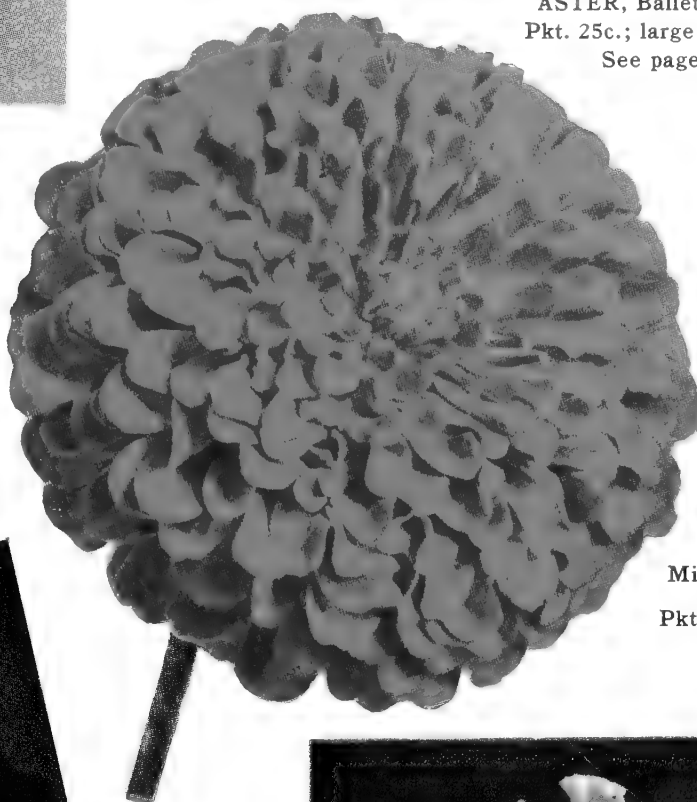


DELPHINIUM, Giant Pacific Hybrids
Pkt. 50c.; large pkt. \$1.50
See page 11



ASTER, Ballet Queen
Pkt. 25c.; large pkt. 75c.
See page 2

Fine ANNUALS
for
Every Garden



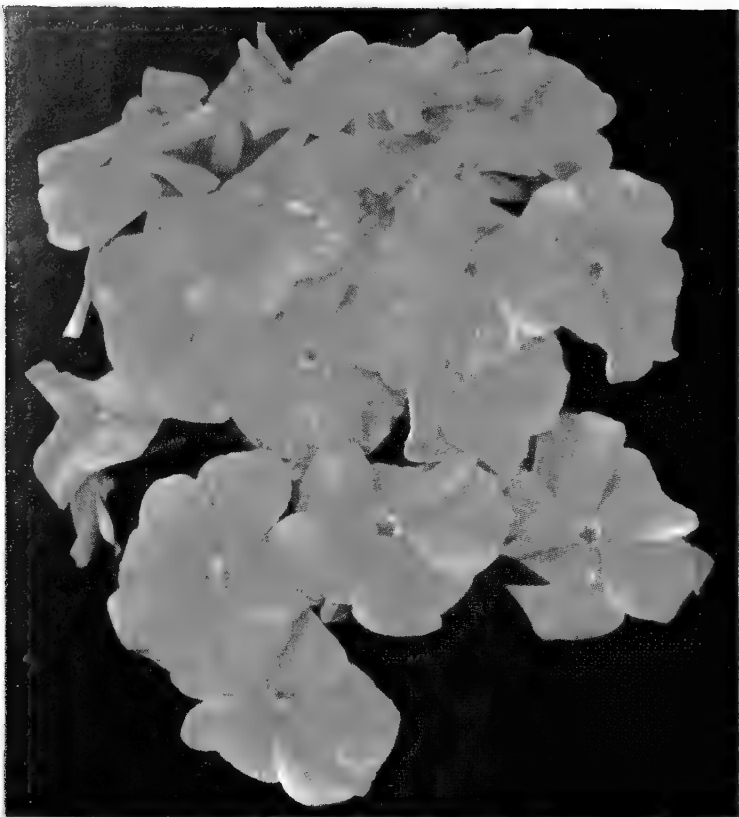
ZINNIA,
Michell's Giant Dahlia-
Flowered
Pkt. 15c.; large pkt. 40c.;
oz. \$2.00
See page 27



CHRYSANTHEMUM carinatum, Merry Mixture
Pkt. 10c.; large pkt. 25c.; oz. \$1.00
See page 19



PETUNIA, Michell's Rosalind. Pkt. 25c.; large pkt. \$1.00
See page 3

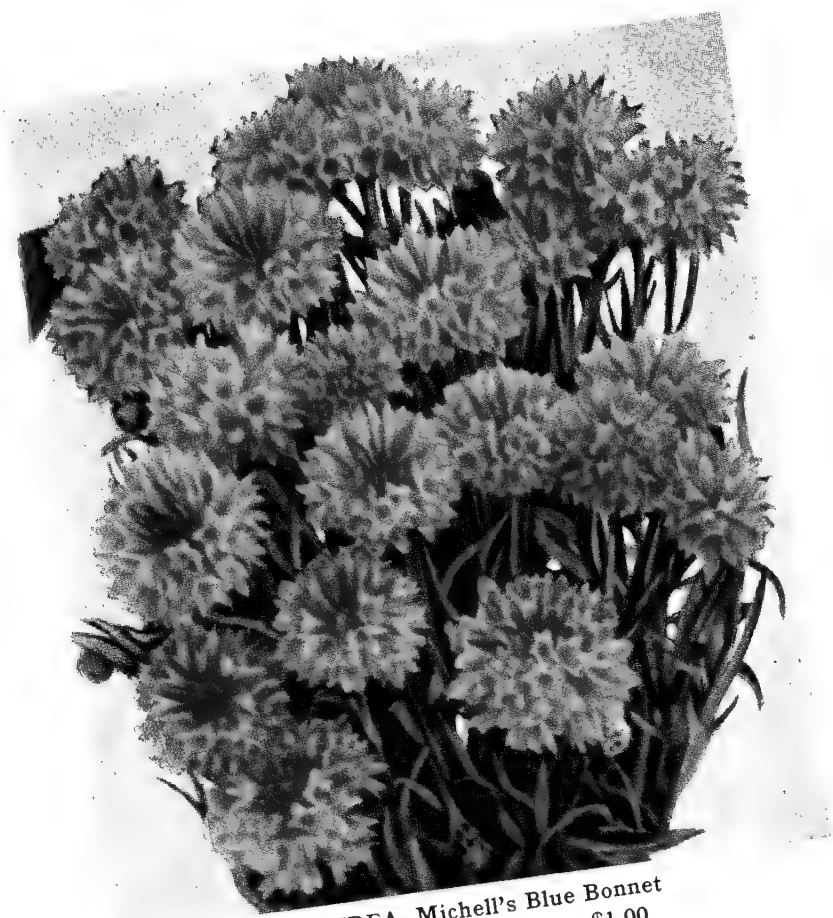


PHLOX, Michell's New Buff Queen
Pkt. 25c.; large pkt. 60c.; $\frac{1}{4}$ oz. \$1.60
See page 3

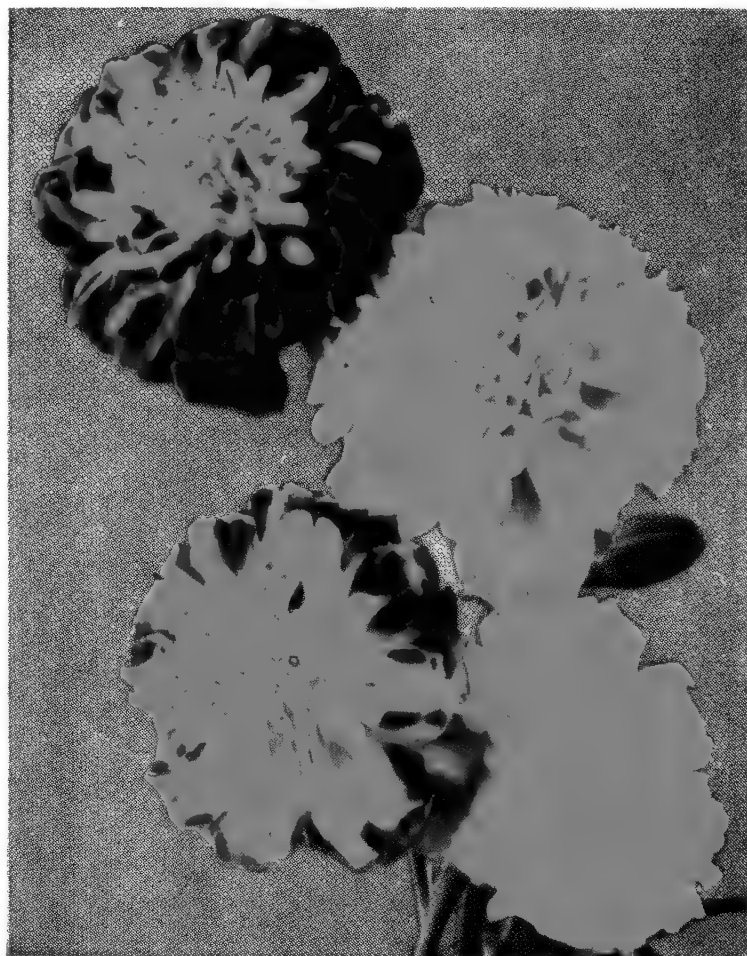
For a Brilliant Display
TRY THESE



SWEET PEA,
Cuthbertson Strain
Pkt. 25c.; $\frac{1}{2}$ oz. 50c.;
oz. 90c.
See page 23



CENTAUREA, Michell's Blue Bonnet
Pkt. 15c.; large pkt. 40c.; oz. \$1.00
See page 2



MARIGOLDS, Dwarf Double Harmony Hybrids
Pkt. 15c.; large pkt. 40c. See page 16



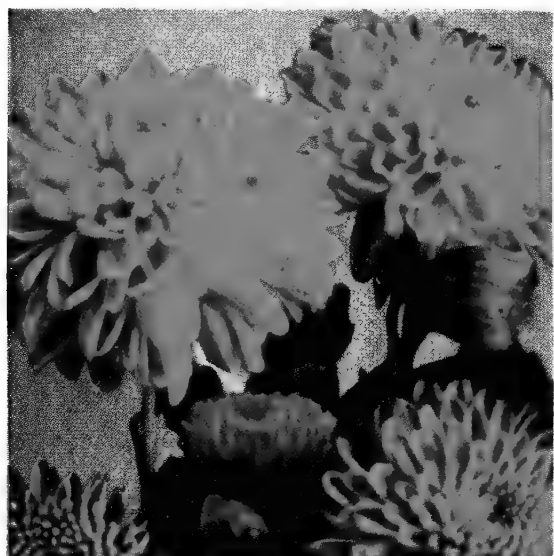
SPOON. For descriptions and prices see page 62

Hardy CHRYSANTHEMUMS

SOME OF THE VARIOUS TYPES OF MUMS OFFERED
ON PAGES 61 AND 62



ANEMONE-FLOWERED
For descriptions and prices see page 62



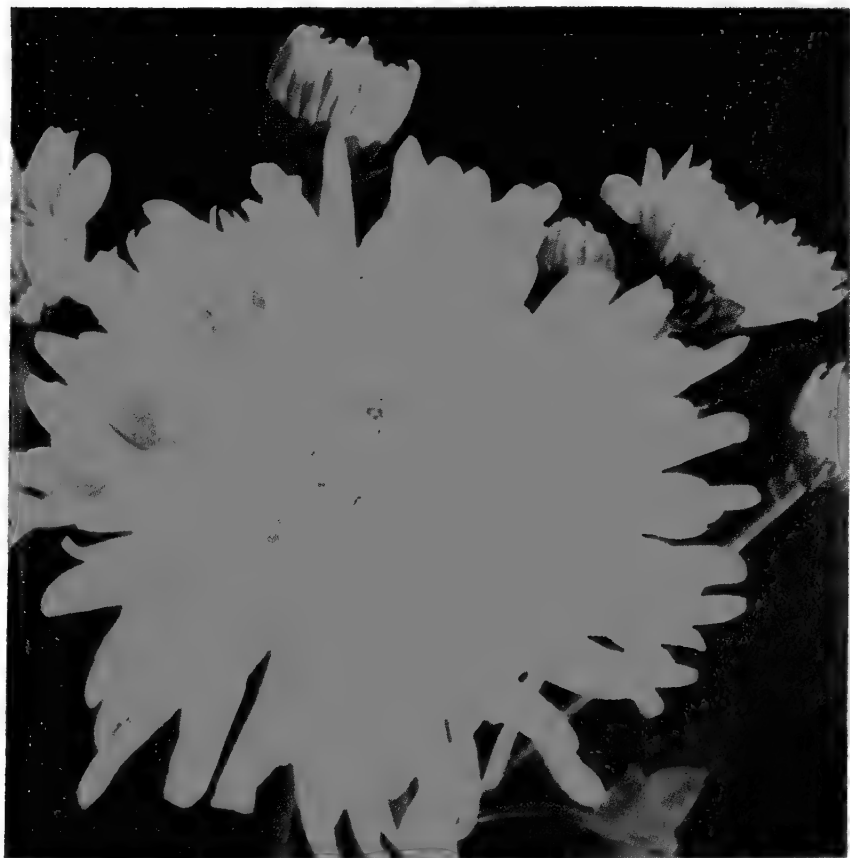
POMPON or BUTTON
For descriptions and prices see page 61



CUSHION. For descriptions see page 62



SINGLE
For descriptions and prices see page 62



LARGE-FLOWERED. For descriptions and prices see page 62



ENGLISH MUM. For descriptions and prices see page 62

The NEW ROSES for 1948



TAFFETA.
Dormant plants,
each \$2.00;
Pot-grown,
\$2.25



SAN FERNANDO. Dormant plants, each \$2.00; Pot-grown, \$2.25



CLEMATIS Jackmani rubra. Each \$1.50



CLEMATIS, Prins Hendrik. Each \$1.50

TAFFETA. Pat. 716. Urn-shaped in the bud, becoming a good-sized, semi-double bloom. So named because of its changeable colors—all combinations from buff-yellow to begonia-pink. Dark, shining foliage; free blooming. Each \$2.00; in pots, \$2.25.

SAN FERNANDO. Pat. pend. A double, full-petaled Rose with a high center; lovely form. Brilliant scarlet, with a rich penetrating perfume. Plant is strong growing and upright; a profuse, dependable producer. Each \$2.00; in pots, \$2.25.

NOCTURNE. Pat. 713. Long-pointed buds and large, cardinal-red flowers, semi-double to double in form. Foliage is dark and leathery. Vigorous bush 3 to 4 feet tall, blooming abundantly all season. Each \$2.00; in pots, \$2.25.

CLEMATIS

Modern Clematis bear blooms that look fragile but actually the plants are sturdy and vigorous if properly located. They like a rich, well-drained soil, partly shaded. A mulch of peat or straw over the roots is advisable, and a trellis or other support is necessary for the vines.

JACKMANI RUBRA. Rich deep red flowers borne on 10 to 15-foot plants. A profuse bloomer making a splendid display. Each \$1.50.

PRINS HENDRIK. Azure-blue, often 7 inches or more across the petals. Grows 10 to 12 feet high. Lasts well as a cut-flower. Each \$1.50.



NOCTURNE.
Dormant plants, each \$2.00;
Pot-grown, \$2.25

Michell's Reliable Plants

Special Notice on Guarantee

We spare no effort to supply all Plants, Shrubs, Roses, Vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

Shipping-Time

* In average seasons, applying to orders booked for spring.

Hedge Plants, Small Fruits, Flowering and Ornamental Shrubs. Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

Herbaceous Perennials. April and continuing either until stock is exhausted or until season is too far advanced.

Roses. Weather permitting, our stock of pot-grown varieties will be shipped during the month of May.

Bedding Plants. Geraniums, Cannas, Salvias, etc., are usually shipped all through May and June.

PLEASE NOTE. These plants do not ship satisfactorily by mail.

On all orders for Bedding Plants please note 6 plants of any variety or color is the minimum quantity for delivery by Railway Express or Local Truck.

Add 10 per cent to your order to cover delivery if less than \$3.50 value.

Small quantities will be available at our Store on a cash-and-carry basis during the planting season at especially established prices.

For all Mail and Express Orders

In the face of the limitations of the times, we must ask that orders call for at least

6 Plants of each variety of Annuals

3 Plants of each variety of Perennials

(Special Collections as listed excepted)

The problems involved in handling lesser units are time-consuming, an element that must be conserved now.

In so far as stocks will be available, we will be pleased to serve customers at our Store, 518 Market St., with single plant units on a cash-and-carry basis.

Bedding Plants

Ageratum - Floss Flower

Michell's Blue Boy. Extra dwarf. The growth is uniform and even, 4 inches high, completely covered with flowers of the richest shade of blue. An excellent plant for the border. Doz. \$3.50; 100, \$25.00.

Alternanthera

Very useful for carpet bedding. Grows best in warm, sunny situations. For formal designs keep sheared to 6 inches.

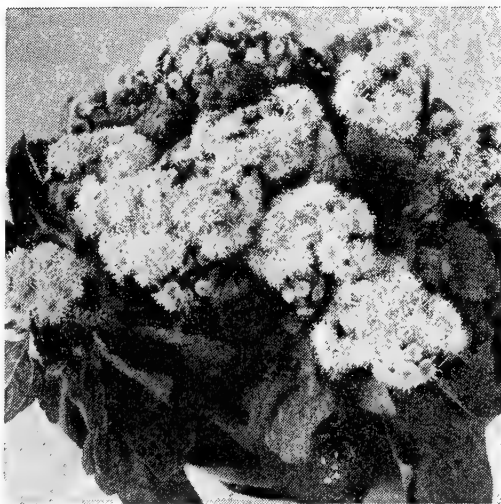
Versicolor. Red.

Aurea. Yellow.

Doz. \$2.00; 100, \$15.00

Alyssum

Michell's Bouquet. Pure white flowers on dwarf, compact plants. Desirable for edging as it flowers all season. Doz. \$2.00; 100, \$15.00.



Ageratum, Michell's Blue Boy

Antirrhinum - Snapdragon

A very effective plant for massing or grouping in the flower border. Should be planted in groups of not less than six for the best effect.

Nanum grandiflorum (Semi-Dwarf) Rust-proof. A selected mixture of Orange-Yellow, Carmine-Rose, and White. Doz. \$3.50; 100, \$25.00.

Asters

Giant Branching. A useful plant for the border and for cutting. Offered only in mixture of White, Pink, Crimson, and Blue. Doz. \$2.50; 100, \$18.00.

Begonias, Fibrous-rooted

Gracilis luminosa. A popular variety with bronzy red foliage and brilliant scarlet flowers. The ideal plant for showy masses of color in partially shaded areas.

Prima Donna. Lovely rose-colored flowers shading to carmine.

All Begonias, 4-in. pot-plants, doz. \$6.00

Cannas (Pot Grown)

For particulars of dormant roots, see page 50.

Ambassador. Brilliant cherry-red flowers. Bronze foliage.

City of Portland. A glowing pink. Foliage green.

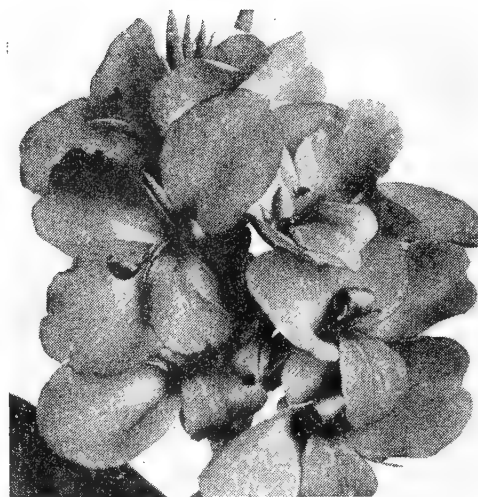
King Humbert. Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze.

Richard Wallace. Large, showy, pure canary-yellow flowers. Green foliage.

The President. Rich glowing scarlet. Green foliage.

All Cannas, doz. \$6.00; 100, \$45.00

ALL PRICES SUBJECT TO MARKET CHANGES



Canna

Coleus

The popular bedding plant with beautifully colored foliage. Ideal for edging canna and geranium beds, also for mass plantings.

Golden Bedder. Rich canary-yellow foliage.

Queen Victoria. Red foliage with yellow edge.

Verschaffelti. Dark crimson foliage.

Rainbow Mixture. An excellent mixture of all colors and markings.

All Coleus, doz. \$2.50; 100, \$18.00

Geraniums

Beaute Poitevine. Salmon-pink; very double.

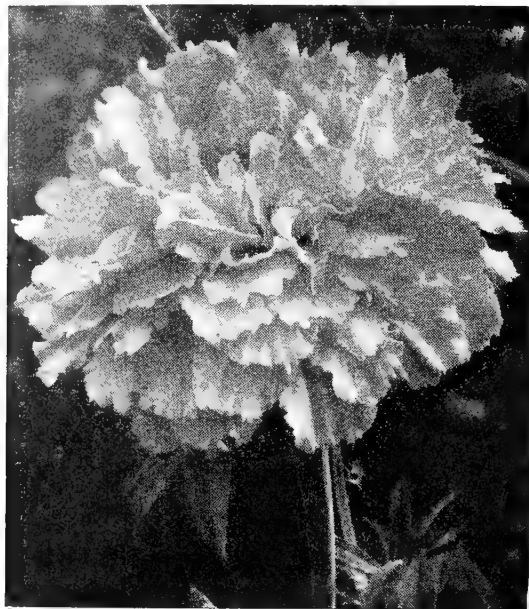
Mme. Landry. A real coral color. Compact habit.

Rose-scented. The old-fashioned sweet-scented variety.

Ricard. Enormous, bright scarlet flowers during the entire season. Compact, medium dwarf plants.

All Geraniums, 4-in. pot-plants, 3 for \$1.75; doz. \$6.00; 100, \$45.00

Philadelphia's Complete Garden Store



Marigold, Yellow Supreme

Heliotrope • Cherry Pie

A general favorite because of its fragrance. Doz. \$6.00; 100, \$45.00.

Lantana

A very desirable bedding plant because of its bright orange and pink shades, flowering continuously summer and fall. Doz. \$6.00; 100, \$45.00.

Lobelia

Compacta. The ideal edging plant. Blue flowers. Doz. \$2.50; 100, \$18.00.

Marigold

These are favorites with all garden lovers, giving a wealth of color in the flower border and very useful for cutting.

TALL AFRICAN VARIETIES

Aldouble Orange. *Originator's Stock.* This new variety will produce a large percentage of double flowers of a bright orange shade.

Aldouble Lemon. Fine clear yellow, all double flowers.

Guinea Gold. The flowers come 100 per cent double and semi-double. Color, clear orange, flushed with gold.

Yellow Supreme. Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color.

DWARF DOUBLE FRENCH VARIETIES

Melody. *Bronze Medal, All-America Selections.* Golden yellow. Harmony type flowers.

Spry. *Silver Medal, All-America Selections.* Extra dwarf; very compact and uniform habit about 9 inches tall with very light orange-crested center and maroon outer petals.

All varieties of Marigolds,
doz. \$2.50; 100, \$18.00

Moon Vine

Ipomœa noctiflora. A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. Extra-strong plants, 3 for \$1.50; doz. \$5.50.

Petunias

MICHELL'S EXCLUSIVE INTRODUCTION

Michell's Gay Lady. This novelty Petunia is a Michell introduction in a new type of Petunia which we feel will prove very pleasing to American gardeners. The plants are very compact and erect, growing 8 to 10 inches tall, and when in full bloom form a compact mat of color. The flowers are medium sized, well fringed and ruffled, and are borne in great profusion. The color-range is a combination of pink and white to red and white. A very bright and gay mixture. Splendid for borders and bedding or growing in pots. Doz. \$5.00; 100, \$35.00.



Petunia, Michell's Gay Lady

Petunias

SINGLE LARGE-FLOWERED PLAIN-EDGED VARIETIES

Michell's Dwarf Elk's Pride. A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple.

Snowstorm. A fine large-flowering pure white variety. Very free bloomer. Good as a pot-plant and for bedding.

All above Petunias, doz. \$4.00;
100, \$30.00

DWARF SINGLE SMALL-FLOWERED STANDARD SORTS

Silver Blue (Heavenly Blue). Makes a fine bedding variety combined with Rosy Morn.

Rosy Morn. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat.

Rose of Heaven. Rich, brilliant rose color.

All above Petunias, doz. \$3.50;
100, \$25.00

ALL PRICES SUBJECT TO MARKET CHANGES

Phlox Drummondii

Gigantea Art Shades, Mixed. *All-America Winner.* A strain with flowers 1 1/4 to 1 1/2 inches in diameter, in many pleasing art shades. Plants grow about 9 inches high. Doz. \$2.50; 100, \$18.00.

Salvia • Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in midsummer or fall than these bright scarlet flowers.

America (Globe of Fire). Dwarf, bushy, compact grower and very uniform in height and shape.

Splendens. Tall-growing plants with bright scarlet flowers. 3 ft.

All Salvias, 3-in. pots, doz. \$3.50; 100, \$25.00
4-in. pots, doz. \$5.00; 100, \$35.00

Verbena

DWARF UPRIGHT MICHELL'S EXHIBITION

This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. Doz. \$3.50; 100, \$25.00.

Michell's Mammoth Fancy Strain, Mixed. Used for edging borders or for window-boxes and vases. Doz. \$3.00; 100, \$22.00.

Vinca rosea (Madagascar Periwinkle)

Alba. White, with rose eye.

Alba pura. Pure white.

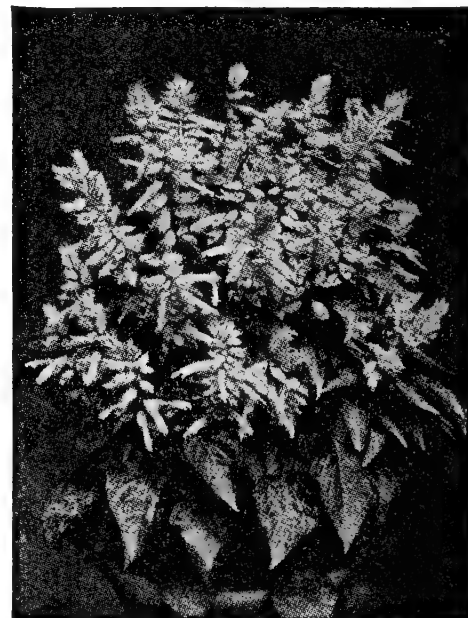
Rosea. Rose with dark eye.

All Vincas, doz. \$4.00; 100, \$30.00

Zinnias

Michell's Giant Dahlia-flowered, Mixed.
California Giants, Mixed.
Elegans, Lilliput.

All Zinnias, doz. \$2.00; 100, \$15.00



Salvia splendens

Michell's Hardy Perennial Plants

VARIETIES MARKED ★ SUITABLE FOR ROCK-GARDENS

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply all Plants, Shrubs, Roses, Vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

Achillea • Milfoil; Yarrow

Filipendulina, Parker's Variety. The large heads of bright yellow blooms are borne on sturdy stems. 3 ft. June, July.

Ptarmica, Boule de Neige (Ball of Snow). The flowers are of perfect form, with full centers which makes them appear pure white. 1 ft. June, July.

Tomentosa. Wool Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achilleas, each 50c.; 3 of one variety \$1.30; 10 for \$4.00

Aconitum

Monkshood, Helmet Flower

Fischeri. A dwarf variety, growing 1½ feet high, with large pale blue flowers in September and October. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Napellus, Sparks' Variety. The darkest blue of all. 3 to 4 ft. June. Each 90c.; 3 for \$2.25; 10 for \$6.75.

★Ajuga • Bugle

Reptans. The well-known blue variety. Will stand sun or shade. 6 in.

Rosy Spire. A rosy pink form. 6 in.

All Ajugas, each 50c.; 3 of one variety \$1.30; 10 for \$4.00

★Alyssum

Saxatile compactum. An excellent, low, spreading plant for rockery or border, growing about 10 inches high. Masses of golden yellow flowers in May. Each 50c.; 3 for \$1.30; 10 for \$4.00.

★Anemone • Windflower

SPRING-FLOWERING KINDS

Plant in the fall or early spring

Pulsatilla. Pasqueflower. The violet-blue flowers are followed by silky seed-pods. A picturesque and curious plant. 10 to 12 in. Each 50c.; 3 for \$1.30; 10 for \$4.00.

FALL-FLOWERING KINDS

Japonica Types—Plant in May.

Alba. Large, single flowers of purest white on splendid 4-foot plants.

Hupehensis. This species resembles a miniature *A. japonica* in growth, with pale mauve-colored flowers in early August continuing to late fall. 1 ft.

Margarete. The double, dark pink flowers are borne in profusion on 3-foot stems.

Marie Manhard. Three-foot plants bearing semi-double blooms of clean white.

September Charm. A recent hybrid, from 2 to 2½ feet tall. It has lovely single silvery rose flowers.

September Queen. The rosy red flowers are semi-double and are freely produced. 2 ft.

September Sprite. A charming pink variety of diminutive form. 12 in.

Above Anemones, each 60c.; 3 of one variety \$1.60; 10 for \$5.00.

ALL PRICES SUBJECT TO MARKET CHANGES

★Anchusa • Sea Bugloss

Myosotidiflora. A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. 1 ft. Each 60c.; 3 for \$1.60; 10 for \$4.00.

Anthemis • Marguerite

Moonlight. Pale lemon-yellow; daisy-like flowers. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Aquilegia • Columbine

Columbines are "must" plants for every garden, however small. They adapt themselves easily and often self-sow, to the delight of most gardeners. Few plants are more graceful in form and the blooms are delightful for cutting.

Caerulea. 2 ft. The famous Rocky Mountain blue Columbine.

★**Canadensis.** 18 in. A native kind with reddish orange flowers. May, June.

Chrysantha. 2½ ft. Choice long-spurred yellow flowers.

Chrysantha, Silver Queen. A top-notch pure white variety.

Crimson Star. Large flowers with crimson sepals and spurs accentuated with white petals.

Longissima. 18 in. Flowers are pale yellow with amazingly long spurs. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Mrs. Scott Elliott's Strain. Outstanding for its wide range of color. We offer these long-spurred Columbines with justifiable pride.

Rose Queen. Long-spurred pink flowers.

All Aquilegias, each 50c.; 3 of one variety \$1.30; 10 for \$4.00, except where noted.

Artemisia • Wormwood

The Wormwoods are mainly ornamental foliage plants, always decorative. Many pleasing effects and contrasts will result by planting them among your other perennials.

Beach (*A. stelleriana*). 18 in. Commonly known as "Old Woman" or "Dusty Miller." It makes a lovely silver-leaved edging plant.

Fringed (*A. frigida*). 12 in. The daintiest of the Wormwoods, with soft silvery foliage. Good in knotted herb garden. Be sure to try it!

Mugwort (*A. lactiflora*). 4 ft. A stately plant for the background of the border, producing pyramidal heads of fragrant, creamy white flowers during August and September.

Roman (*A. pontica*). 2 ft. Lacy gray-green foliage, finely cut. An effective plant in the knotted herb garden.

Southernwood (*A. abrotanum*). Commonly known as "Old Man." A shrubby green-foliaged plant with leaves divided into thread-like segments. Lovely planted with the Beach Wormwood.

Silver King (*A. albula*). 3 ft. Graceful silvery white plant, also known as "Ghost Plant." The dried foliage is attractive for winter bouquets.

All Artemisias, each 50c.; 3 of one variety \$1.30; 10 for \$4.00



Aster Frikarti, Wonder of Staefa

Tall Fall Asters

Michaelmas Daisies

September Blooming

New York Aster (Novi-belgi Type)

Beechwood Challenger. 3 ft. A new Aster with sturdy plants bearing masses of glowing crimson flowers. We consider this to be the finest red Aster.

Blue Plume. 2 ft. A choice and showy Aster with almost double flowers of deep blue. Bloom is carried in stately spikes.

Lavender Giant. A new introduction of our own. Large lavender-blue flowers completely cover the 3-foot plants in graceful sprays, making this variety ideal for cut-flower use. Early September to late October.

Mount Everest. 4 ft. Pyramidal plants of snowy white flowers with yellow eyes. Beautiful in the garden or when cut.

Violetta. New. 4 ft. The darkest Aster. Lovely flowers of deep violet-purple. Sturdy plants.

All Michaelmas Daisies, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

3 New Asters (Michaelmas Daisy)

Peace. Large double and semi-double flowers of soft rosy mauve. Sold out for this year.

Plenty. Lovely soft blue, single flowers. Each \$1.00; 3 for \$2.25; 10 for \$7.00.

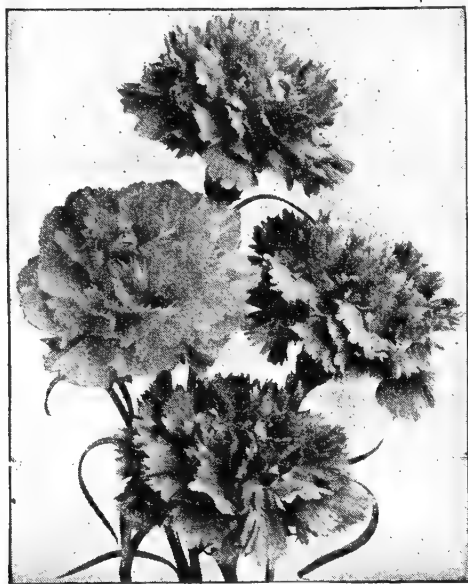
Prosperity. The finest deep pink. Each \$1.00; 3 for \$2.25; 10 for \$7.00.

New England Aster (Novae-angliae Type)

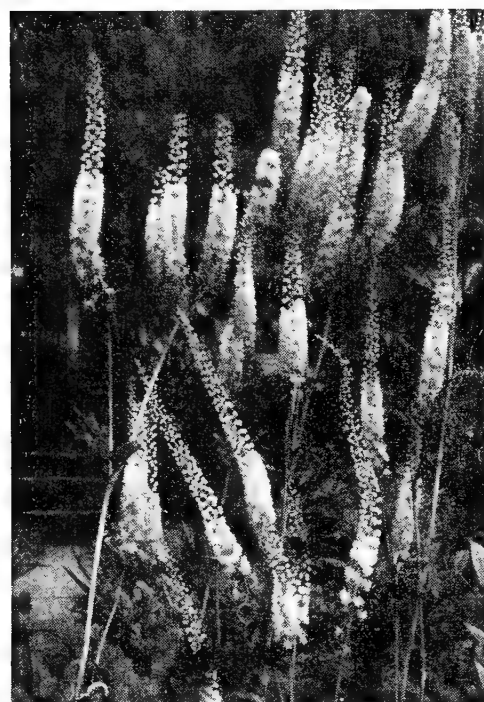
Harrington's Pink. 4 ft. Flowers are perfectly flat, 1½ inches or more across, and of clear soft pink, with not a hint of the usual magenta found in most pink Asters. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Aster Frikarti, Wonder of Staefa

An everblooming perennial. Flowers clear azure-blue, 2 to 3 inches in diameter, on long stems. Each 75c.; 3 for \$2.00; 10 for \$6.00.



Hardy Carnations



Cimicifuga racemosa



Cypripedium spectabile

★Arabis · Rock-Cress

Alpina fl.-pl. 1 ft. Desirable double white form. April, May.
Spring Charm. New. 8 in. Compact plants produce pink flowers in early spring.
 All Arabis, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

★Armeria · Thrift

Caespitosa Hybrids. Large flower-heads in a pleasing variety of pink shades.
Cephalotes, Bees' Ruby. Stout stems with large globular heads of brilliant ruby-red flowers.
Cephalotes rubra. 1 ft. Deep pink; very showy. June.
 All Armerias, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

Asperula

Odorata. Sweet Woodruff; Waldmeister. Used in making maibole. Spreading herbage; fragrant white flowers. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Buddleia · Butterfly-Bush

(For delivery in spring only)

Semi-shrubs which freeze down in hard winters and come up with renewed vigor the following spring. All the Buddleias are excellent as cut-flowers as well as for their decorative value in the garden during August and September.

Empire Blue. Pat. 557. Deep blue with a delicate lilac tone.
Fascination. A hybrid of dainty coloring.
Orchid Beauty. Well-formed spikes of bloom; delicate fragrance.
Royal Red. Pat. 556. The closest approach to red yet achieved in Buddleias.
White Cloud. A new white Butterfly-Bush. It grows 4 to 5 feet high and develops into a very symmetrical and compact bush, producing hundreds of well-formed, pure white blooms with tiny bright yellow eyes.

All Buddleias, each \$1.00;
 3 of one variety \$2.75

Special Offer: Collection of above 5 varieties \$4.50

Ask for Collection No. 11

Catananche · Cupids Dart

Coerulea major. 15 in. Delightful bright blue flowers appear freely from June to late August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Campanula · Bellflower

PERENNIAL VARIETIES

★**Carpatica.** Carpathian Harebell. A pretty, compact-growing variety with clear blue flowers on erect, wiry stems from July until October. 6 in.
Glomerata. Heads of striking blue flowers. 18 in.
Persicifolia humosa. We are pleased to introduce this rare double form of the Peach Bell Campanula. Perfectly hardy, it yields a continuous mass of large blue cups during May, June and July. 2½ ft.
Persicifolia Moerheimi. Large spikes of pure white, double, camellia-like flowers, 2 to 2½ inches in diameter. Blooms from the middle of May until late in July. 2 ft.
Rotundifolia, Purple Gem. A more free-flowering type. 12 in. November.
Telham Beauty. Our stock is true, from imported plants, producing large single flowers of exquisite China-blue through July. 2½ ft.

All above Campanulas, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

CAMPANULA, Continued BIENNIAL VARIETIES

Medium. Canterbury Bells.
Medium, Single Blue.
Medium, Single Pink.
Medium, Single White.
Medium, Double Blue.
Medium, Double Pink.
Medium, Double White.
Medium calycanthema. Cup and Saucer. Blue, Pink, White.

All above Campanulas, 3 of one color and type \$1.30; 10 for \$4.00

Hardy Carnations

Crimson King. Vibrant crimson, double flowers on long stems all summer.
Royal Cottage Hybrids. Large double flowers, delightfully fragrant. Red, Pink, White, and Mixture.

All above Hardy Carnations, each 60c.; 3 for \$1.60; 10 for \$5.00

English Cottage Carnations

Cynthia. Pure shrimp-pink with spicy fragrance.
Lucia. Deep rose-pink.
Sylvia. Pale rose-pink edged with silvery white.

All above Cottage Carnations, each 60c.; 3 for \$1.60; 10 for \$5.00

Coreopsis · Tickseed

★**Auriculata nana.** 15 in. A dainty species with clusters of golden yellow flowers. May to Sept.
Golden Shower. 18 to 24 in. A new introduction chosen for its freedom of bloom throughout the summer. Delicate star-like brilliant yellow blossoms. Graceful foliage.
Perry's Double. A double-flowering hybrid of unusually large size. 18 to 24 in.

All Coreopsis, each 60c.;
 3 of one variety \$1.60; 10 for \$5.00

Coreopsis grandiflora Badengold.

New. Very floriferous. Flowers during the entire summer. Very large, Indian-yellow blooms, 4 inches in diameter, on tall stems. Excellent for cut-flowers. 2 ft. Each 75c.; 3 for \$2.00.

Coronilla

★**Cappadocica.** The glaucous foliage makes a compact mat; brilliant golden yellow flowers show in great abundance. May to July. Each 70c.; 3 for \$2.00.

Cimicifuga · Bugbane

This variety will help to solve many a problem in the shady garden. Plant in large groups, and enjoy a delightful display of white spire-like flowers for several months.

Racemosa. 4 to 6 ft. July, Aug. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Simplex. Dwarfier than Racemosa, with finer foliage. Each \$1.00; 3 for \$2.75.

Cypripedium · Lady Slipper

These natives can be made a part of a woodland garden or some shady corner where the soil is moist.

Acaule. Pink.

Pubescens. Yellow.

Spectabile. Charming pink species.

All Cypripediums, each 60c.; 3 for \$1.60; 10 for \$5.00

CHRYSANTHEMUMS

Hardy Double Varieties

Our 3-inch pot-plants are ready around May 15. These plants will give a wealth of color in the garden through September and October.

The following double varieties are each 50c.; 3 of one variety \$1.25; 10 assorted \$4.00, except where noted.

Algonquin. A showy early yellow from the U. S. Department of Agriculture. Produces 2½-inch blooms on 2-foot plants.

Apricot Glow. The amazingly prolific plants are covered with shapely, high-centered, 2½-inch double blooms, rich apricot-bronze in color, from the middle of August until killing frost. Height, 18 inches with a spread up to 3 feet the first year. It is a dense plant, symmetrical yet informally graceful. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Avalanche. One of the best all-round whites. Flowers 4 to 5 inches across, fully double. Early Oct.

Barbara Small. Double, lilac-pink flowers, 3 inches across. Comes into bloom in early September and continues for a long season. 2 ft. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Bokhara. Soft crimson and wine shades, a glorious blend as lovely as the far-famed rugs of Bokhara, with the same silky, luminous gleam. Exceptionally hardy, upright, 2-foot plants with splendid foliage. The fully double flowers are perfectly formed. Early Oct. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Bronze Pyramid. Bright golden bronze flowers of good size and substance in well-branched sprays. Fine for cutting. 2½ ft. Oct.

Burma. Glistening bronze with soft orange tints and coppery overtones—a lovely unique blend impossible to describe accurately. The plant is vigorous but compact and branching in habit, with lusty green foliage. It blooms profusely from late September on through the season. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Chippewa. A sensational new giant early-blooming hardy Chrysanthemum produced by the University of Minnesota. Crimson with a purple sheen. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Eugene A. Wander. Large, double, glistening golden yellow. One of the most popular in this color.



Chrysanthemums

Fireglow. Brilliant Chinese-red, 2-inch flowers in well-spaced sprays. Blooms freely from early Sept. 18 in. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Heatherbloom. (Dr. Kraus.) Very double, heather-pink, center shaded rose-red with gold tipping. Outstandingly good. 1½ ft. Early Sept. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Jane Saunders. Orange color. Late; frost resistant. A very popular variety.

King Midas. A very strong, free-flowering, early-blooming, double Korean variety with light yellow flowers sometimes lightly blended with bronze.

Lavender Lady. One of the most popular double Koreans. Vigorous plants producing a great abundance of double, delicate lavender flowers.

Magnolia. Clean-cut, large, shapely, high-centered, very double blossoms of unusual texture, averaging 4 inches across and produced in generous clusters about mid-September. Color is pink shading to creamy pink with a dainty soft yellow overcast. The stocky plants average 2 feet in height, and require no staking or special attention. Bred from Nipponicum, this variety is distinct from any other sort and instantly appeals to everyone. Cuts very nicely. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Mandarin. Coral-salmon and bronze blended to make a very attractive flower. The plant is compact but the blooms are carried on stiff, wiry stems.

Mme. Chiang Kai-shek. Pat. 634. A new Chrysanthemum. Beautifully formed flowers, fully double, composed of stiff petals able to withstand any and all bad weather. The color is excitingly lovely, a blending of chrome-yellow, cadmium-yellow, and old-gold that simply glows when the long-lasting flowers are under artificial light. Each \$1.00; 3 for \$2.75; 10 for \$8.25.

Mrs. Pierre S. du Pont III. The Nation's favorite bronze. No double Chrysanthemum compares with this truly magnificent creation. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Pink Radiance. From late September on, plants are an exuberant mass of color, carrying hundreds of blossoms 3 inches or more across. The color, luminous pink, with soft pink at the center, is unlike any other and holds well. Like its namesake, the Radiance rose, it is sure to become a favorite garden variety. Height, 2½ feet with equal spread. Each 60c.; 3 for \$1.50; 10 for \$4.00.

Red Velvet. A new crimson beauty. The shapely, full, double flowers, medium in size, are carried erect on good stems. The color—velvety crimson when opening—changes to an even dark crimson, remaining attractive for a remarkably long period. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Rembrandt. A blend of strawberry-red, copper and rose. A new and different color, which is difficult to describe but delightful to look at. Trim, upright plants 1½ to 2 feet tall. Oct.

Romany. Rich red with bronze shadings. 2½ ft. Early Oct.

Silver Ball. A large clear white, incurved type. Hardy.

Theresa. Coppery orange. A real fall color for the garden.

SPECIAL COLLECTION OFFER of 6 double Chrysanthemums, all different, our selection, 6 for \$2.25. Ask for Offer No. 1.

COLLECTION OF NEWER VARIETIES ALL DOUBLE

1 each of the following:

Chippewa **Magnolia**
Fireglow **Mrs. Pierre S. du Pont III**
Red Velvet **Heatherbloom**

One of each for \$2.50.
Ask for Offer No. 2.

POMPON AND BUTTON VARIETIES

(Hardy)

Charles Nye. Developed by Dr. Kraus, of the University of Chicago. This is by far the finest yellow Pompon to date. Very large, deep yellow blooms produced freely in compact clusters. Strong grower, 20 inches high. Fully double, rounded flowers. Each 60c.; 3 for \$1.50; 10 for \$4.00.

Ethel. Lovely bronze-red button. Each 50c.; 3 for \$1.25; 10 for \$4.00.

Fred F. Rockwell. Pat. 718. The most gorgeous blending of bronze and orange-scarlet tones ever seen in a Pompon. Amazingly prolific, the strong-branching, 2-foot plants often carry 75 or more symmetrically perfect flowers to a single spray and several sprays to a plant. In full flower early October, it is remarkably frost resistant, retaining its brilliance long after many others are destroyed. Each \$1.00; 3 for \$2.75; 10 for \$8.25.

Harbor Lights. Soft yellow and creamy white tints mingle to create a luminous, sparkling effect. Sept. 20. Each 60c.; 3 for \$1.50; 10 for \$4.00.

Jewel. Violet-mauve; well named. Each 50c. 3 for \$1.25; 10 for \$4.00.

Mandalay. The recent introduction of better Pompons is responsible for a new wave of popularity in this small-flowering type. Mandalay will prove a valuable contribution. Brilliant orange-bronze blooms, ideal for cutting. Oct. 1. Each 75c.; 3 for \$2.00; 10 for \$6.00.

Mary Pickford. A clear white Button variety. Each 50c.; 3 for \$1.25; 10 for \$4.00.

Ruby. Splendid Pompons of ruby-crimson in large sprays on upright plants. Early Oct. Each 75c.; 3 for \$2.00; 10 for \$6.00.

White Wonder. Welcome indeed is this new white Pompon. Exquisitely formed, ball-shaped blooms with broad petals are a crisp, clean white, the buds a soft creamy white. The 3-foot plants are tremendously free in bloom, the sprays so heavily branched that a few stems are a fine bouquet. In full flower about Sept. 25. Each 75c.; 3 for \$2.00; 10 for \$6.00.

COLLECTION OF THE NEWER POMPON AND BUTTON VARIETIES

Charles Nye **Mandalay**
Harbor Lights **White Wonder**
One each of the above 4 varieties for \$2.50. Ask for Offer No. 3.

CHRYSANTHEMUMS, Continued

Single Varieties

Each 50c.; 3 for \$1.25; 10 for \$4.00, except where noted.

Apollo. Bronze-red and old-gold.

Dubonnet. Very large, single, amaranth-pink blooms. Strong, sturdy plants. October 10. Each 75c.; 3 for \$2.00; 10 for \$6.00.

Pink Charm. Glowing pink. An ideal cut-flower.

Primula. Lemon-yellow. Very desirable.

Silver Moon. The gleaming white Chrysanthemum has a warmth and intensity that is entirely new. Mild sweet fragrance and attractive, contrasting dark green foliage. A fine lusty 2½-foot plant producing flowers from September on, equal to the finest greenhouse product, yet unusually frost resistant.

Summertime. Pat. 689. Bred specifically for summer flowering, this brilliant yellow, single Chrysanthemum brings its mass of glistening yellow to the garden from mid-July to October. Blooms are 2 inches or more across, bright lemon-yellow to bronze-yellow, in densely branched sprays. Compact plants 20 inches high, growing to over 2 feet across. This variety improves with age. Divide every third year. Each 75c.; 3 for \$2.00; 10 for \$6.00.

Collection of the Best 4 Singles, \$2.25

**Apollo
Dubonnet**

**Silver Moon
Summertime**

Ask for Offer No. 4

Northland Daisies (The Hardy Chrysanthemum)

The name Northland Daisy suggests their Arctic hardiness. Plant them now to make gay masses of color in the autumn garden.

Each 50c.; 3 for \$1.25; 10 for \$4.00

Eric, the Red. Vivid scarlet.

Galahad. A large pure yellow.

Igloo. A perfect mound of white flowers with yellow centers, resembling an Eskimo igloo.

Kristina. Rose-pink. Red buds open to an unusual shade of extremely deep rose-pink.

Rheingold. Golden bronze. An attractive flower with abundant, closely set petals.

Siegfried. Sulphur-yellow. Flowers larger than other varieties.

Solveig. Pink. Vigorous plant with lovely, clear rose-pink flowers.

One each of the above seven for \$2.50

Ask for Offer No. 7

Spoon Varieties

This new race of Chrysanthemum is a distinct addition to American gardens. The uniquely formed, graceful, tubular petals are flattened at the tips to resemble a spoon—hence the name.

Each 50c.; 3 for \$1.25; 10 for \$4.00

Glowing Spoon

Rose Spoon

Jasper Spoon

White Spoon

Pink Spoon

Yellow Spoon

Special Collection Offer

1 each of the above 6 for \$2.25

Ask for Offer No. 5

CUSHION VARIETIES

All are dwarf growing, about 1 foot high, and very free flowering from early September until late frosts. Each plant produces hundreds of blooms.

Each 50c.; 3 for \$1.25; 10 for \$4.00, except where noted

Champion Cushion. Rich red-bronze.

King Cushion. Coppery bronze.

Lavender Lassie. A counterpart of the ever-popular Lavender Lady, but in the smaller Pompon form. Low, cushion-like habit of growth. Each 75c.; 3 for \$2.00; 10 for \$6.00

Marjorie Mills. Deep crimson shaded and burnished chestnut-crimson, later becoming suffused with rose and bronze tints. The ideal cushion variety for a border effect planted 2 feet apart in the row. 18 in. Late Sept. Each 75c.; 3 for \$2.00; 10 for \$6.00.

My Lady. Orange-yellow. Very early.

September Bronze. Golden bronze.

September Cloud. White.

September Gold. Brilliant golden yellow blooms. Remarkably free and colorful.

Collection of 6 good Cushion Mums

**Champion
King
My Lady**

**Sept. Bronze
Sept. Cloud
Sept. Gold**

One each of the above for \$2.25
Ask for Offer No. 6

English Chrysanthemums

These are different from other hardy varieties. The large, solid, double flowers measure up to 4 inches across. Some varieties bloom in September but all flower by mid-October. For the most impressive results use the culture recommended for Greenhouse Chrysanthemums. Feed and disbud to one good terminal bud to each stem. All varieties offered have survived the winters in Pennsylvania.

Each 60c.; 3 of one variety \$1.50

Alabaster. Pure white.

Charnwood. Rich wine-purple.

Forward. Bright silvery orchid.

Gold Mine. Sunshine-yellow.

Leda. Warm old-rose.

Sandy Richie. Crimson, gold reverse.

One each of the above six for \$2.75

Ask for Offer No. 8

Spider and Other Novelty Chrysanthemums

The following are: Each 60c.; 3 for \$1.50; 10 for \$4.50

Bess Witt. A very fine early bronze novelty.

Gold Lode. Deep golden yellow, reflexed.

Hilda Bergen. Deep reddish bronze, incurved.

Indianola. Bronze, incurved.

Mrs. H. E. Kidder. Deep yellow, incurved.

October Rose. Pink, incurved.

The following are: Each 75c.; 3 for \$2.00; 10 for \$6.00

Country Maiden. Apricot-bronze. Large incurved show variety.

Harvest Moon. A large bright yellow. Heavy foliage. Matures about Oct. 25.

Kay Tashima. A huge white spider Mum. It is advisable to disbud.

Marilyn. Beautiful spider bloom of fine rose color.

Paul Miller. An unusual bronze Spider variety. Strong grower.

Waikiki. A distinctly outstanding variety of a gold-bronze combination.

New Anemone-flowered HARDY CHRYSANTHEMUM

Each \$1.00; 3 for \$2.75

KOREAN PRINCESS. Pat. 640. This is the first hardy anemone-flowered hybrid Korean Chrysanthemum. The shapely blooms, 2½ inches across, rich bronze-red on opening, with a perfectly formed, golden bronze cushion center, changing to soft strawberry-crimson as they mature. Husky, hardy, 2-foot plants with many flowers on well-branched sprays. Early Oct.

CHRYSANTHEMUM MAXIMUM

Shasta Daisies

The Shasta Daisies are among the most desirable of all cut-flower material, and are easily grown. The long-stemmed flowers are long lasting when cut. They are all nice clean whites that are unusually useful to work in with other flowers in bouquets.

Beaute Nivelloise. A fine new Shasta Daisy with large flowers, having two rows of lacinated petals and a clear yellow center. 18 to 24 in. All summer.

Double White Swan. Masses of double white flowers over a long season. 18 to 24 in. Late spring and early summer.

Edgebrook Giant. A new variety of merit with 5 to 6-inch blooms on long straight stems. Overlapping, closely set petals with a clear yellow center. Each \$1.00; 3 for \$2.75; 10 for \$7.50.

Esther Reed. Fully double white flowers of good lasting quality. The blooms are 3 to 4 inches in diameter and come rather freely on the sturdy plants. 1½ to 2 ft. Summer and fall. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Favorite. This popular florist's variety is an excellent outdoor daisy bearing masses of large, semi-double, pure white flowers. 2 ft. July, Aug.

Fringed Beauty. A greatly improved Chiffon—stronger growing, with larger and lovelier blooms. Fringed, fluffy, almost double flowers much like a China Aster. Each \$1.00; 3 for \$2.75; 10 for \$7.50.

Majestic. Large white flowers, 5 to 6 inches across, with a small yellow center, are produced intermittently throughout the summer. Petals are straight, overlapping, and do not droop; stems are stiff and stand up well. Easily grown, it withstands adverse conditions. 18 to 24 in. Each \$1.00; 3 for \$2.75.

Marconi. A novelty with extra-large, double flowers about 5 inches across. We have the true stock propagated from divisions. 2 to 3 ft. All summer. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Mt. Shasta. Full double white flowers 3 to 4 inches in diameter with a high crested center. Stems 18 to 24 inches long make it excellent for cutting. Blooms off and on all summer. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Supreme. Extra-large, single white flowers. 2 ft. June, July.

Supreme Double. Large double white flowers. Each 90c.; 3 for \$2.25; 10 for \$6.50.

All above Shasta Daisies, each 60c.; 3 of one variety \$1.60; 10 for \$5.00, except where noted



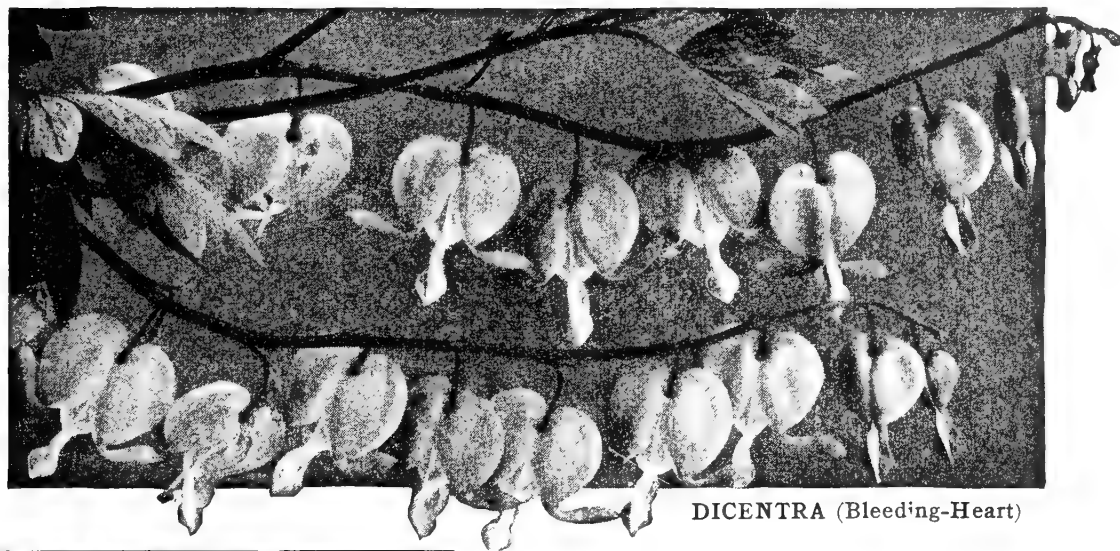
LYTHRUM



AQUILEGIA (Columbine)

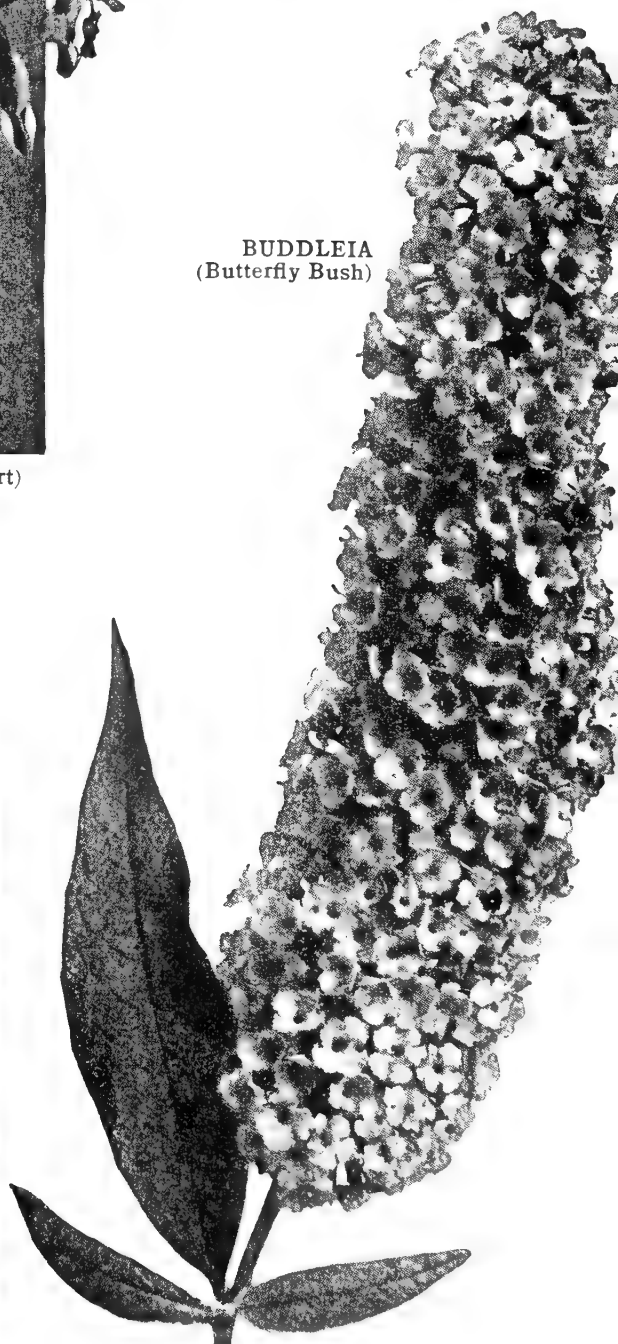


ANCHUSA (Sea Bugloss)



DICENTRA (Bleeding-Heart)

BUDDLEIA
(Butterfly Bush)

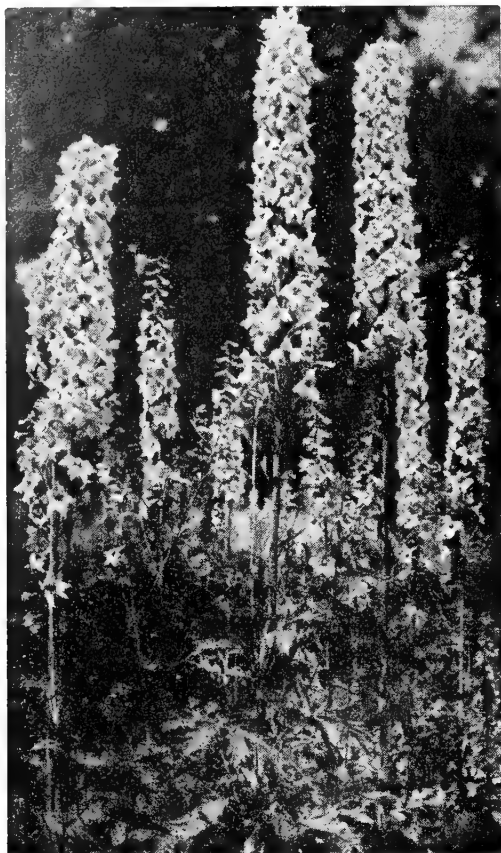


HARDY PHLOX



GAILLARDIA (Blanket Flower)

Hardy Perennials



Delphiniums

Michell's Modern Hybrid Delphiniums

In every garden of distinction you will find a generous use of Modern Delphiniums.

They are majestic in the towering splendor of their perfect spikes, in their range of exquisite blues, purples, and mauves.

The plants we offer are carefully selected seedlings of the English Prize-winning Strains checked as to type, while in bloom.

Pacific Giants. This new strain, developed in California, carries a fine range of colors and the structure of the best foreign varieties. Our plants have been grown from the originator's own stock. Strong plants. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Paramount Hybrids. These are also selections from our Hollyhock strain but can be supplied in mixed colors only. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Belladonna, Improved Cliveden Beauty. A magnificent strain of the pure blue Delphinium, producing long spikes during June-July, and in the fall. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Chinensis grandiflorum, Blue Mirror. A sensationally beautiful dwarf blue Delphinium resembling the Chinese forms, but the flowers are flat saucers of aquamarine, without spurs. The habit is compact, forming neat 18-inch bushlets and the sprays are produced in endless profusion from early May until frost. This is a true perennial and is exceedingly hardy, wintering successfully at low temperatures of 16 below zero. A true joy for every garden. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Hybrid Delphiniums

(Young plants from 2 1/4-inch pots)

We take pleasure in offering you our choicest strain of Hybrid Delphiniums in the most economical way to build up a collection.

The young plants should be set out during April and May and kept shaded and watered until new growth starts. During September you may expect some lovely spikes of bloom reaching 4 to 5 feet high. Blooms will be at their best the following June.

Delphiniums appreciate lime and a well-drained soil. Cultivate after rains.

Blackmore & Langdon's Strain of English Hybrids.

Giant Pacific, Blues and Lavenders.

Giant Pacific, Whites and Cream.

All above Hybrid Delphiniums, 6 for \$2.00; doz. \$3.50; 25 for \$6.00

Dianthus • Pinks

Barbatus. See Sweet William.

Bobbie. A deep pink gem.

Cheerfulness. New. A pleasing semi-double white with crimson markings. Each 75c.; 3 for \$2.00; 10 for \$6.00.

Little Joe. A compact plant with delightfully fragrant, vivid red flowers.

Meg Gardner. 15 in. A recent introduction bearing large white flowers with distinct red centers. June, July.

Old Spice. Pat. 499. Carnation-like salmon-pink flowers. clove-scented. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Purity. A pure white.

Tiny Rubies. The miniature plants produce carnation-like flowers on stems 4 to 5 inches high. In full sun the color is pink; with partial shade it approaches rose.

White Reserve. Pure white with strong stems. An ideal Dianthus for cutting.

New Rose. Unique hybrids with double blooms of red, rose, pink and salmon. Mixed colors, only. Each 75c.; 3 for \$2.00; 10 for \$6.00.

All Dianthus, each 50c.; 3 of one variety \$1.30; 10 for \$4.00, except where noted

Dicentra (Dielytra)

★**Eximia.** Fringed Bleeding-Heart. A dwarf-growing variety with beautiful finely cut foliage and showy pretty pink flowers. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Spectabilis. Bleeding-Heart; Seal Flower. Its long sprays of graceful, heart-shaped flowers are always attractive. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Sweetheart. A white form of dwarf Bleeding-Heart. Finely cut foliage. Each \$1.50; 3 for \$3.50; 10 for \$9.00.

Dictamnus • Gas Plant

Albus. A hardy plant that will grow and remain in the garden for many years; best left undisturbed, as it improves with age. 18 to 24 in. June, July. 3 for \$1.50.

Ruber. A red-flowering form of the above. 18 to 24 in. 3 for \$1.50.

Digitalis • Foxglove

These ship best from March 12 to April 15. Later orders will be filled in the fall.

Giant Shirley, Mixed. These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Doronicum • Leopards-Bane

These gleaming yellow daisy-like flowers are a top-notch source of color in the spring border and rock-garden. For best results, plant them in partial shade, preferably in the fall. Spring plants may have to be cut back, as they flower in April.

Mme. Mason. Compact in habit; noted for its large bloom. April, May. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Eupatorium

Cœlestinum. A pretty hardy plant with light blue flowers similar to ageratum. 2 ft. Sept. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Funkia (Hosta)

Plantain Lily; Day-Lily

Cœrulea lanceolata. Requires a minimum of care. The plants with their lush foliage are always nice, and the flowers are lovely during summer. Each 70c.; 3 for \$1.60.

Subcordata grandiflora. Very large, pure white, lily-shaped, fragrant flowers. 2 1/2 to 3 ft. Aug., Sept. Each 90c.; 3 for \$2.50; 10 for \$7.50.

Undulata media picta. Green and white varied foliage. Purple flowers. 2 ft. July. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Gaillardia • Blanket Flower

Grandiflora. Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. 3 for \$1.30; 10 for \$4.00

Geranium • Cranesbill

Lancastriense. Light salmon-pink blooms borne frequently all summer on 4 to 6-inch stems. Unusually hardy. A choice rock-garden plant, easily grown. 6 in. Each 60c.; 3 for \$1.60; 10 for \$5.00.

*Geum • Avens

Borisi. A dwarf plant with brilliant orange-red flowers. Very free flowering. 10 in.

Fire Opal. Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very free flowering. 12 to 15 in. May to Oct.

Princess Juliana. An excellent new hybrid with large, double, pure orange flowers on stout stems. 15 to 18 in. Early. June to Oct.

Wilton Ruby. Ruby-red, an improvement on Mrs. Bradshaw. 12 to 15 in.

All Geums, each 70c.; 3 for \$1.75; 10 for \$5.00



Geum, Wilton Ruby

ALL PRICES SUBJECT TO MARKET CHANGES

Heemerocallis for a golden garden display

Gypsophila • Baby's Breath

Bristol Fairy. A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Oldhamiana. Abundant masses of white flowers delicately tinted pink. In bloom from August until late fall. 3½ ft. Each 70c.; 3 for \$1.60; 10 for \$5.00.

Oldhamiana, Flamingo. A new tall double form. The lovely pink flowers are like Bristol Fairy in form. Grows just as tall but blooms four or five weeks later. Each \$1.00; 3 for \$2.75; 10 for \$7.50.

★**Repens.** Beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August. Each 70c.; 3 for \$1.60; 10 for \$5.00.

Helianthus

Hardy Sunflower

Coronation. Double yellow flowers, 4 inches across, with anemone centers. 4 to 5 ft. All summer.

Loddon Gold. Full, double yellow flowers on long stems. All summer. 4 to 5 ft. Fine for cutting.

Multiflorus fl.-pl. Large, double, golden yellow flowers. 4 ft. July, Aug.

All Helianthus, each 60c.;
3 of one variety \$1.30

Helenium • Sneezewort

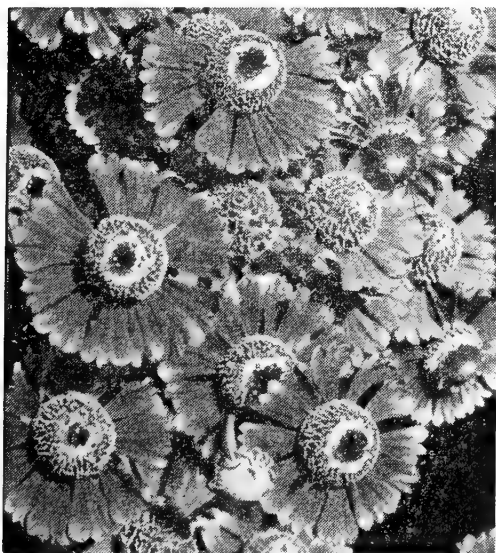
This hardy family of perennials blooms in late summer. The daisy-like flowers are borne in great profusion on bushy, shrub-like plants varying from 3 to 5 feet in height. Very effective for late summer bloom and excellent for cutting. A sunny location and good average garden soil is their only requirement.

Crimson Beauty. Because of its intense bronze-crimson color and dwarf free-flowering habit, this variety will prove very popular for the herbaceous border. 2½ ft. July to Sept.

Moerheim Beauty. 2½ ft. A handsome and distinctive perennial with warm, glowing brown-red flowers from June to October. For best results divide the plants early every spring, replant the young shoots and discard the old plant.

The Bishop. Very large flowers of rich golden yellow with dark centers. Dwarf bushy plants to 2 feet.

All Heleniums, each 75c.; 3 for \$2.00;
10 for \$6.00



Helenium



Hemerocallis

Helleborus • Christmas Rose

They grow best in rich soil and a shady location; unexcelled for the beauty of their flowers, their evergreen foliage, and their attractive appearance the year round.

★**Niger.** 1 ft. Single white blooms flushed with pink, on sturdy stems. Dec. to Mar. Each \$1.50; 10 for \$13.50.

Orientalis atropurpurea. Known as the Lenten Rose. Purple and Red. Each \$1.50; 3 for \$4.25.

Heuchera • Coral-Bells

Light soil and full sun suit them best, but they will make an admirable show in partial shade.

Brizoides. Vigorous grower; light pink flowers. 18 to 24 in. May to Aug.

Rosamonde. Pleasing coral-pink flowers on long stems. 2 ft. June to Sept.

Sanguinea Hybrids. A wonderful range of colors from white through the various shades of pink to deepest red.

All Heucheras, each 60c.;
3 of one variety \$1.60; 10 for \$5.00

Hollyhocks

Double. Our strain of these is very fine, and we offer them in separate colors only: Yellow, Crimson, Pink, and White.

Single, Mixed. They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only.

All Hollyhocks, each 50c.; 3 for \$1.30;
10 for \$4.00

ALL PRICES SUBJECT TO MARKET CHANGES

HEMEROCALLIS (DAYLILY)

New Giant-Flowering Hybrids

August Pioneer. Chrome-orange blooms of medium size. Especially valuable for its late period of bloom—early August through September. 2½ ft. Each \$1.00; 3 for \$2.75.

Bagdad. Large flowers borne on plants of considerable height; coppery red petals with orange throat. 5 ft. July. Each \$1.00; 3 for \$2.75.

Boutonniere. Flourishing clusters of small flowers. The throat of each is orange-yellow with darker petals. 2½ ft. Aug., Sept. Each \$1.00; 3 for \$2.75.

Curly Pate. Medium-sized yellow, cup-shaped flowers with petals curled at the ends. 4½ ft. Each 90c.; 3 for \$2.50.

D. D. Wyman. Golden yellow with tawny splashes. 3 ft. Late June, July. Each 60c.; 3 for \$1.60.

Dover. Large; clear orange. 4 ft. June, July. Each 60c.; 3 for \$1.60.

George Yeld. Distinctly large; the outer petals are rich orange-yellow and the inner flushed with rose. 4 ft. July, Aug. Each \$1.00; 3 for \$2.75.

Goldeni. Deep golden orange; attractive in form; very free-flowering. 2 ft. Late June. Each 60c.; 3 for \$1.60.

Hyperion. One of the most popular varieties—pale canary-yellow. 3½ ft. July. Each \$1.00; 3 for \$2.75.

Imperator. A distinct variety with rich orange-red coloring. 4 ft. July, Aug. Each \$1.00; 3 for \$2.75.

J. R. Crawford. Clear gold. 4 ft. each 90c.; 3 for \$2.25.

J. R. Mann. Golden yellow. 2½ ft. Each 60c.; 3 for \$1.60.

Mandarin. Unusually tall and especially lovely in the evenings is this lemon-yellow variety for late summer. 5 ft. Aug. Each 90c.; 3 for \$2.50.

Mikado. A glamorous combination—orange with a mahogany-red spot on each petal. Occasionally blooms in the fall. 3 ft. June, July. Each \$1.00; 3 for \$2.75.

Modesty. Palest yellow; amazing in size. 4 ft. June. Each 90c.; 3 for \$2.50.

Mrs. A. H. Austin. The cup-shaped deep orange-yellow blooms are of medium size; most attractive. 2½ ft. Aug. Each \$1.00; 3 for \$2.75.

Mrs. W. H. Wyman. Best described as pale glistening yellow. 3½ ft. Aug. Each 60c.; 3 for \$1.60.

Ophir. Its rich golden yellow coloring has made this a favorite variety. 4 ft. July. Each \$1.00; 3 for \$2.75.

The Gem. An unusually popular yellow variety; large size. 3 ft. July, Aug. Each 60c.; 3 for \$1.60.

We offer two collections of these lovely Daylilies: A. for the Flower Border of 3-foot width; B. for the wider Flower Border up to 5 feet.

COLLECTION A

6 varieties growing 1½ to 3 ft.

Boutonniere	Mrs. A. H. Austin
D. D. Wyman	J. R. Mann
Goldeni	Mikado

SPECIAL OFFER . . . \$4.00
(Value \$4.70)

COLLECTION B

6 varieties growing 3 to 5 ft.

Bagdad	Imperator
George Yeld	Ophir
Hyperion	Curly Pate

SPECIAL OFFER . . . \$5.00
(Value \$5.90)

BEARDED IRIS (Iris Germanica)

Each 50c.; 3 of one variety \$1.35; 10 plants in 5 varieties \$4.00, except those marked *
Bearded Iris give best results if planted in August or September. Shipment will be made at that time

Alice Harding. 3½ ft. Large, satiny yellow.
Ambassador. 3 ft. An old variety but still very popular. Beautiful rich deep blends.
Anna Marie Cayeux. 3 ft. Pinkish lilac, flushed gray.
***Apricot.** 3 ft. Gold-apricot self. Each 75c.
***Arctic.** 3 ft. White and gold; gigantic size. Each \$2.00.
***Aztec Copper.** 3 ft. A rare and subtle blend of smoky violets and delicate copper. Large blooms. Each \$2.00.
Black Wings. Dark purplish blue, almost black.
Blue Triumph. 3½ ft. A masterpiece—beautiful soft blue.
Blue Velvet. 3½ ft. Intense deep rich velvety blue.
***Buffawn.** 3 ft. Giant buff-fawn blend. Each \$1.50.
California Gold. 3 ft. Large; deep yellow.
Cheerio. 3 ft. Standards rose-gold; falls red.
***City of Lincoln.** 3½ ft. Golden standards; bright red falls. Each \$1.50.
Clara Noyes. 2½ ft. Rich blend of Talisman rose.
Copper Lustre. 3 ft. Beautiful copper blend.
Dauntless. 2½ ft. A superb red tone.
Depute Nomblot. 3½ ft. Copper-red.
***Derrill Hart.** 2½ ft. Rose-bronze-wine. Each \$1.50.
Dore. 3 ft. Huge yellow and ivory.
***Elmohr.** 3½ ft. Rich red-violet, gigantic blooms. Each \$6.00.
***Elsa Sass.** 3 ft. Lemon, cream center. Each \$2.00.
***Garden Magic.** Very large, velvety deep red. Very late. Each \$1.50.
***Golden Majesty.** 3½ ft. Gigantic gold. Each \$1.00.
***Grace Mohr.** Similar to William Mohr but taller. Very large blooms. Each \$1.00.
Grace Sturtevant. 3 ft. Rich brownish red blend.
***Great Lakes.** 3½ ft. Purest blue. Each \$1.50.
Gudrun. 3 ft. Huge white dusted gold.
Happy Days. 4 ft. Giant blooms of smooth light yellow.
Imperial Blush. 3½ ft. Blush-pink.
Jean Cayeux. 3½ ft. A blend of browns; distinct.
***Jake.** 4 ft. Truly a magnificent new white. Each \$1.50.
King Juba. 2 ft. Old gold edged carmine.
Laddie Boy. 15 in. Deep blue; early bloomer.
Lady Paramount. 3½ ft. Huge; medium yellow.
***Marquita.** 3 ft. Smooth ivory with falls veined ruby-red. Distinct and beautiful. Each 75c.

Mary Geddes. 2½ ft. Pink overlaid pompeian red.
***Michelangelo.** 3 ft. Uniform dove-gray throughout. Each 75c.
***Ming Yellow.** 3½ ft. A sensational giant. Each \$2.00.
***Miss California.** 3½ ft. Gigantic lilac-pink. Each 75c.
Missouri. 3 ft. Famous clear blue.
Moonlight. 3½ ft. Pale yellow.
***Morocco Rose.** 3 ft. Very large rose-pink with soft yellow glow at the heart. Each \$1.50.
Naranja. 3½ ft. Beautiful orange-yellow.
Noweta. 2 ft. A lovely pink of medium size and height; a very free bloomer.
***Nylon.** 3 ft. Coppery tan self with very heavy gold beard. Each \$2.00.
***Old Parchment.** 3½ ft. Tan-buff blend. Each \$2.00.
***Oregon Trail.** 3 ft. A big heavy-textured flower in smoothly blended shades of tawny salmon. Each \$10.00.
***Orloff.** 3 ft. A new Plicata. A most unusual cinnamon-brown, heavily dotted with deep cream and red-brown. Each \$1.00.
***Ormohr.** 3½ ft. A William Mohr seedling with huge blooms of pale lilac with silvery cast, veined violet. Each \$1.75.
***Pale Moonlight.** 3½ ft. A magnificent soft blue of gigantic size. Each 75c.
***Prairie Sunset.** A gorgeous blending of peach, apricot, rose, copper and gold. Each \$3.50.
***Prince of Orange.** 3½ ft. Huge blooms of rich golden orange. Each \$2.50.
***Radiant.** 3 ft. Gigantic blooms of coppery orange. Each \$1.25.
Rameses. 3 ft. Rose-pink-buff blend.
***Ranger.** 3 ft. Large, almost true crimson-red. Each \$7.50.
Red Dominion. 3 ft. Purplish red.
***Red Gleam.** 3 ft. Truly the nearest to red. Good-sized blooms of striking appearance. Each \$2.50.
Rosy Wing. 3½ ft. A blend of deep rose and crimson-brown.
Rubeo. 3½ ft. A good red-toned Iris of large size.
San Francisco. 4 ft. White edged blue. Distinct.
***Shining Waters.** 3 ft. Beautiful sky-blue. Each 50c.
Shot Silk. 3 ft. Fragrant blooms of rich silky pink and gold.
***Siegfried.** 4 ft. Cream-purple blend. Each 50c.
Sir Launcelot. 2½ ft. Brilliant copper and red. A prolific bloomer.
Sir Michael. 3½ ft. Large, well-formed flowers. Standards are clear light blue; falls are a bright shade of violet-blue.

***Snow Flurry.** 4 ft. Large, beautiful ruffled blooms. Ice-white. Each \$4.50.
Snow White. 3½ ft. A good white. Good grower and free bloomer.
***Stained Glass.** 3 ft. Brilliant copper-red. Each \$1.00.
Talisman. 3 ft. Color blend of the Talisman rose.
***The Red Douglas.** 4 ft. Huge blooms; red tone with orange beard. Each \$1.25.
Treasure Island. 3½ ft. Gigantic blooms of bright clear rich yellow.
Venus de Milo. 3 ft. A good pure white with warm creamy undertone
***Wabash.** 3 ft. Very distinct. Standards clear white, falls bright purple. Each \$1.00.
William Mohr. 3 ft. Huge blooms of self pale lilac veined deep violet, producing a lovely effect.
Zwanenburg. 1½ ft. Early-blooming variety with large blooms. Color cream to old-gold splashed with maroon.

Fall-Blooming Bearded Iris

These are the varieties that bloom in spring and fall under favorable conditions.

Each 50 cts; 3 of one variety \$1.35.

Autumn Elf. 1½ ft. Standards cream falls soft lilac.
Autumn Haze. 2½ ft. Very large blooms, of light lavender-violet.
Autumn Queen. 1½ ft. Pure white. A sure bloomer in fall.
Black Magic. 2 ft. Intense deep violet-blue; free bloomer.
Eleanor Roosevelt. 1½ ft. A profuse bloomer, almost identical in color with Black Magic.
Lieut. de Chavagnac. 1½ ft. Another sure fall bloomer. Medium blooms of brilliant violet.
Jean Siret. 15 in. A nice yellow.
October Blaze. 2 ft. Brilliant red tone somewhat similar to Dauntless.
Sangreal. 2 ft. Beautiful yellow, with large blooms.
Southland. 1½ ft. Very free bloomer; deep golden yellow blooms on sturdy stems.
Ultra. 1½ ft. Light lavender-blue standards, velvet blue falls.

MINIATURE BEARDED IRIS (Iris pumula)

These Iris give their display of bloom in April and early May.

Each 45c.; 3 for \$1.00; doz. \$3.50

Fairy. 6 in. Pale blue.
La Fiancee. 12 in. White.
Prairie Gem. 10 in. Yellow blooms in spring and fall.
Sambo. 10 in. Deep blue.
Sound Money. 6 in. Compact; yellow.

Victor. Double, light blue veined blue.
White Swan. Single, pure white.

SIBERIAN IRIS

Each 60c.; 3 for \$1.50

CAESAR'S BROTHER. A stately plant not too tall—30 inches high. It is the best of the entire lot of dark blue Siberian Iris and was given Honorable Mention by the American Iris Society. The flowers are an unusually rich black pansy-violet with a beautiful depth of color. A superb plant for any flower garden.

Perry's Blue. Clear blue.

Snow Queen. Pure white; dwarf.

ORIENTAL IRIS (Iris Kaempferi)

These beautiful Iris make a splendid display in the garden during late June and early July. Height about 2 to 3 feet.

Each 60c.; 3 of one variety \$1.50; 10 for \$4.50

Azure. Double, immense mauve-blue flowers.
Betty F. Holmes. Double, large, white blooms with yellow midrib.
Blue Bird. Single, rich blue.
Catherine Parry. Double, blue overlaid rich purple.
Columbia. Double, blue with white veins, yellow center.
Doris Childs. Double, pearl-white veined purple.

Fascination. Double, mauve-pink lightly veined white.

Gold Bound. Double, white, gold-banded center.

La Favorite. Double, white veined blue, purple center.

La Tosca. Double, immense white flowers.

Lavender Giant. Single, lavender-blue.

Mahogany. Double, lovely mahogany-red.

Purple and Gold. Double, rich violet-purple with golden throat.

Queen of the Blues. Pale blue veined white.

Red Riding Hood. Single; fine red variety.

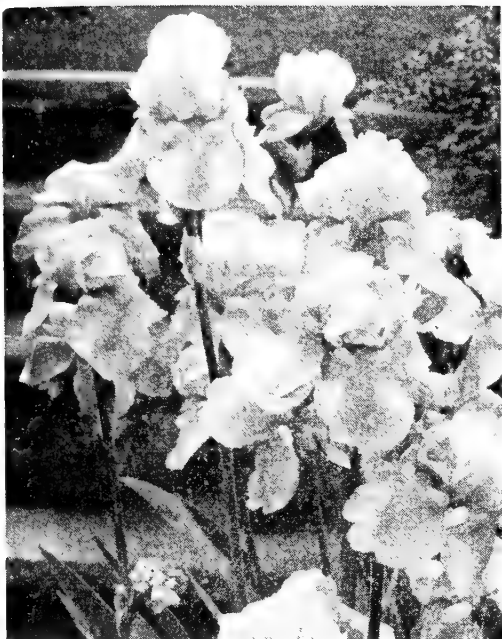
Rose Anna. Double, light mauve, heavily veined purple.

Shadow. Single, reddish purple.

T. S. Ware. Double, reddish violet with white center.

PERENNIALS

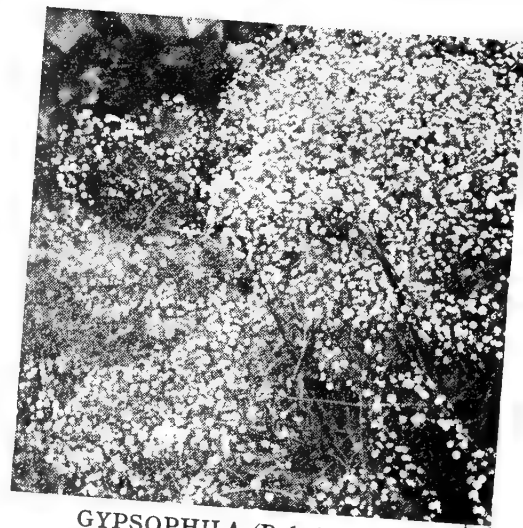
*give color to your
garden
year after year*



BEARDED IRIS



SCABIOSA



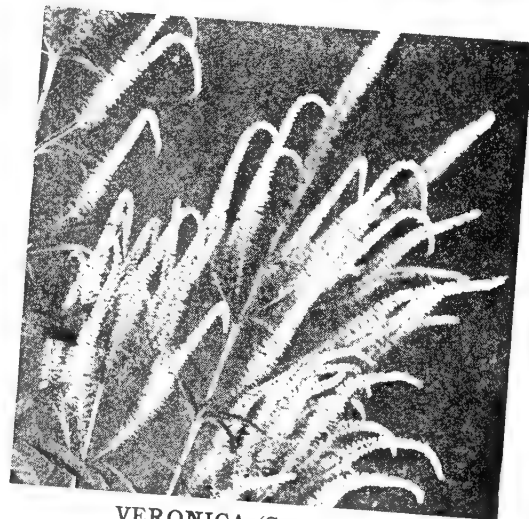
GYPSOPHILA (Baby's Breath)



ORIENTAL IRIS



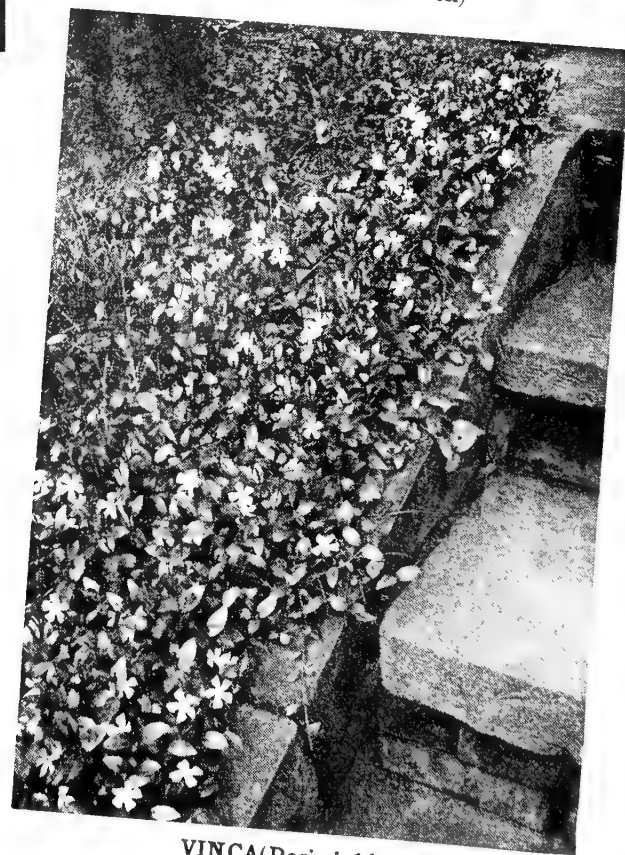
DIANTHUS (PINKS)



VERONICA (Speedwell)



HELLEBORUS (Christmas Rose)



VINCA (Periwinkle)

*Iberis • Hardy Candytuft

Purity (Cistus). A hardy new Candytuft of merit. The large, attractive flowers are pure white. Very free bloomer and compact grower only 6 inches high. Comes into bloom in late April and May. Truly a gem for the rock-garden and an excellent low border plant for edging. Each 75c.; 3 for \$2.00; 10 for \$6.00.

Little Gem. A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May.

Sempervirens. Dwarf. Pure white flowers in June. Its uniform neat habit makes it one of our best rock or edging plants.

Snowflake. Large, pure white flowers on dwarf plants.

Each 60c.; 3 of one variety \$1.60; 10 for \$5.00, except where noted

Lavandula • Lavender

Vera. The true Sweet Lavender with delightfully fragrant blue flowers in July and August. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Vera rosea. Novelty. Similar in habit to *L. vera* but the blooms are a delicate silvery pink. Each 75c.; 3 for \$1.75; 10 for \$5.00.

Vera, Twinkle Purple. Plants are compact and well formed. A delightful border or edging plant. Each 60c.; 3 for \$1.50; 10 for \$5.00.

Liatris • Blazing Star; Gayfeather

Pycnostachya. Showy, attractive native plants, succeeding anywhere, and producing spikes of light rosy purple flowers in July and August. 5 ft. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Scariosa. Deep purple flowers. 3 to 4 ft. Each 60c.; 3 for \$1.50; 10 for \$5.00.

September Glory. It is very showy, the purple flowers being produced on extra-long spikes during late August and September. Each 90c.; 3 for \$2.25; 10 for \$6.50.

*Linum • Flax

Flavum, Improved. Golden yellow flowers produced freely from early May on.

Perenne. Light, graceful foliage and large blue flowers all summer.

All Linum, each 60c.; 3 of one variety \$1.30; 10 for \$4.00

Lobelia

Cardinalis. Cardinal Flower. Rich fiery cardinal flowers. 2 to 3 ft. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Lupinus • Lupine

Russell Hybrids. An extraordinary new strain noted for its pastel colors. 3 for \$1.60; 10 for \$5.00.

Lychnis • Campion

Chalcedonica. 2 ft. Brilliant scarlet blooms. June. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Viscaria splendens flore-pleno. 15 in. This old-fashioned plant with showy heads of crimson-purple has long been a favorite. May, June. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Lythrum

Morden's Pink. 2 to 2½ ft. Masses of rose-pink flowers on narrow spikes. Profuse and continuous bloomer June to September. Excellent for cutting. A hardy variety growing in full sun or partial shade. Each 90c.; 3 for \$2.25.

ORIENTAL POPPIES

Poppies are dug and shipped in fall only.
No spring deliveries.

September and October are fine months to plant Poppies. Given reasonably rich soil and a light winter covering, these strong field-grown plants will be sturdy and free flowering next spring.

All Oriental Poppies, each 60c.;
3 of one variety \$1.60; 10 for \$5.00,
except where noted

Barr's White. Large, pure white flowers with purplish black spots. A free-blooming and healthy plant. Each 90c.; 3 for \$2.25.

Beauty of Livermore. The finest dark crimson with black blotch. Free bloomer.

Betty Ann. Beautiful crinkled flower of La-France-pink. Each 65c.; 3 for \$1.65.

Cavalier. Crinkly, deep scarlet-red flowers. Strong grower and free in bloom.

Cerise Beauty. Medium-sized flower of cerise-pink. Each 65c.; 3 for \$1.65.

Edna Perry. Large, bright pink flowers.

Enchantress. Soft lilac-rose. Large blooms on tall, strong stems.

Giant Perry. Tall plant with large, light salmon-pink blooms.

Glowing Embers. Deeply crinkled, cup-shaped blooms of medium red.

Gold of Ophir. Golden orange flowers; plant of medium height. Reaches perfection when two or more years old.

Helen Elizabeth. Big La-France-pink flowers without dark spots. Many people consider this the best pink. Rugged growth. Each 65c.; 3 for \$1.65.

Henri Cayeux Improved. Old-rose shading to burgundy.

Jeanne Mawson. Sparkling geranium-pink; large. A beauty.

Joyce. Charming soft red flowers in great abundance on 48-inch stems. Sturdy growth.

Lachs Konigen. One of the finest, strongest-growing deep salmon-pinks.

Little Shrimp. Small shrimp-pink flowers without spots. A real little gem of unusual size and habit. Each 65c.; 3 for \$1.65.

Lula A. Neeley. Flowers of medium size, between spectrum-red and carmine in color. Good for cutting.

Mandarin. Splendid Chinese red with no spots on the flowers of established plants.

May Sadler. Large salmon-pink with very large black blotches.

Mrs. J. Hawkins. Clear shell-pink. Free flowering, long lasting.

Mrs. Perry. Orange-apricot. Very fine.

Orange Perfection. Flame-red tinted orange. Strong growing and free flowering.

Pink Radiance. The best deep cerise-pink, larger than Joyce and a shade lighter. Strong grower.



Oriental Poppy

Purity. Pure soft pink without any spots or markings. Very fine. Each 65c.; 3 for \$1.65.

Salmon Glow. Double salmon-orange. First blooms are very double, but later ones are only slightly so. Each 90c.; 3 for \$2.25.

Sass Pink. Light flesh-pink with gray-mauve center. The immense blooms are of fine crepe texture. Each 90c.; 3 for \$2.25

Silver Blink. Pink with silvery shading.

Snowflake. Pat. 365. A curious bicolor—the lower half of the flower is pure white and the upper half flame-orange. New and different. Each 90c.; 3 for \$2.25.

Tangerine. Pure bright orange.

Trilby. Dark lustrous red. Tall stems.

Welcome. Reddish crimson. Each 90c.; 3 for \$2.25.

Wurtembergia. Large deep scarlet. Very striking.

CURTIS GIANT POPPIES

All Curtis Giant Poppies, each \$1.50;
any 3 for \$4.00

Crimson Pompon. Double, crimson blooms.

Flame. Extra-large, flame-red blooms on very long stems. The largest of all Poppies.

Flesh-Pink. Flesh-pink overlaid lavender; large; tall stems. Best when planted in light shade to preserve the lavender tint.

Mahony. Oxblood-red or mahogany—very unusual. A fine garden variety.

Salmon-Pink. Large blooms. Medium height; heavy stems.

Watermelon. Deep pink.

Nepeta • Catnip

Mussini. A compact grower forming tufts of small violet-blue flowers during July and August. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Six Hills Giant. Masses of strong lavender-blue flowers in late August. 3 for \$1.60; 10 for \$5.00.

Pachysandra

Terminalis. An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. One of the finest ground-covers.

	Doz.	100
1-yr. field-grown plants.....	\$2 00	\$12 00
2-yr. field-grown plants.....	2 50	16 00
2¼-in. pot-grown plants.....	2 50	16 00

Myosotis • Forget-Me-Not

Palustris semperflorens. Perpetual-flowering Forget-Me-Not. Blue with a yellow throat. 9 in. Each 50c.; 3 for \$1.30; 10 for \$4.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Monarda • Bergamot

Cambridge Scarlet. Oswego Tea. Crimson-scarlet. Should be in all herb gardens.

Salmon Queen. A pleasing shade of salmon.

All Monarda, each 50c.; 3 for \$1.30;
10 for \$4.00

Select your perennial plants for spring, summer, or fall flowering

Pentstemon • Beard-Tongue

Barbatus, Pink Beauty. 3 ft. Glowing pink flowers.

Firebird (Cherry Glow). 2 ft. An outstanding new introduction to add color to summer gardens. The individual ruby-crimson blooms are unusually large and the long spikes of bloom are especially attractive in bouquets.

Garnet. 18 in. The graceful stems hold loosely arranged, garnet blooms. June to Sept.

Ruby King. Flower-spikes are 18 to 24 inches high and are produced freely. Rich ruby, trumpet-shaped flowers held proudly above the bushy plants. Each \$1.00; 3 for \$2.75.

All Pentstemons, each 60c.;
3 of one variety \$1.60; 10 for \$5.00,
except where noted

Physostegia • False Dragonhead

Grandiflora, Vivid. A new variety growing from 1½ to 2 feet high, bearing a profusion of bright violet-mauve flowers. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Platycodon • Balloon Flower

Grandiflorum. Deep blue, cupped, star-shaped flowers.

Grandiflorum album. A white form.

Grandiflorum Mariesi. 18 in. A useful dwarf variety for the foreground of the border. Blue.

All above Platycodons, each 60c.;
3 of one variety \$1.30; 10 for \$4.00

Grandiflorum fl. pl. A very desirable form, quite double and free flowering. Blue. Each 75c.; 3 for \$2.00.

Shell-Pink. New. 18 in. Distinctive pale pink flowers. Blooms freely all summer. Each 75c.; 3 for \$2.00.

*Plumbago • Leadwort

Larpenæ. Plant of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers. Each 60c.; 3 for \$1.60; 10 for \$5.00.



Platycodon (Balloon Flower)

PRIMULA

Hardy Primrose; Cowslip

All Primulas are best planted in fairly rich, moist soil and shade; however, many varieties of the Veris and Julia type will get along nicely in full sun, if watered often during summer months.

All Primulas, each 75c.; 3 of one variety \$1.60; 10 for \$5.00, except where noted

Acaule, New Giant-Flowering. 4 in. A splendid strain with large flowers of many different shades and colors.

Acaule, Blue. A lovely blue.

Acaule rubra. Large, brilliant crimson flowers, very freely produced. A good grower.

Auricula Giant Hybrids. Unusual and distinct Primula. Large flowers in various colors on 6 to 8-inch stems.

Cashmeriana. Large round heads of bright violet on 12 to 15-inch stems.

Japonica. Large leaves. Flowers of various colors, produced in whorls on 18 to 24-inch stems. 3 for \$1.75; 10 for \$5.25.

Japonica, Rose du Barri. A beautiful pink form of Japonica; rare. Each \$1.00; 3 for \$2.75.

Julia, Primrose Lodge. Large, deep crimson flowers on 4 to 6-inch stems. Free and early bloomer.

Julia, Wanda. Deep bluish purple, almost violet. Very free blooming.

Polyanthus (Veris Polyanthus).

Munstead Giant Strain, Finest Mixed.
Munstead Giant Strain, Yellow, Cream, or Red.

‡ **Polyanthus Colossus.** A magnificent new development of this old garden favorite, with flowers of exceptional size—often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems, they are excellent for cutting as well as making a splendid show in the garden. 3 for \$1.75; 10 for \$5.25.

Phlox Subulata • Moss Pink

Alba. White.

Blue Eyes. Light blue.

Brightness. New. Attractive bright pink.

Rosea. Rose color.

Sampson. New. Deep rose with crimson center, distinct and lovely. Also offered under name of Sensation.

Vivid. A compact and showy grower with fiery rose flowers.

All above Phlox, each 50c.;
3 of one variety \$1.30; 10 for \$4.00

Miscellaneous Hardy Phlox

Camla. An English novelty. The large flowers are glistening pink. Blooms again in the fall.

Divaricata. Our beautiful blue native Phlox. Does well in the shade.

All above Phlox, each 70c.;
3 of one variety \$1.60; 10 for \$5.00

Polemonium

Blue Pearl. Feathery foliage and dense masses of bell-like, lavender-blue flowers. 8 to 10 in. Apr., May. Each 70c.; 3 for \$1.60; 10 for \$5.00.

Pulmonaria • Lungwort

Fall planting is desirable.

Angustifolia azurea. Blue Cowslip. Grows about 1 foot high and is one of the first to bloom in early spring. Flowers are a deep gentian-blue. Each 70c.; 3 for \$1.60; 10 for \$5.50.

Hardy Summer Phlox

Phlox is the backbone of the summer garden and it can be depended upon to produce a great abundance of bloom over a long period. For a colorful display select early, midseason, and late kinds. Plant broad masses of white with the more brilliant colors. Three plants of an individual variety grouped together will make a brilliant showing.

The following varieties are each 70c.; 3 of one variety \$1.60; 10 for \$5.00

Border Queen. 1½ ft. Early. Large florets of deep watermelon-pink.

Caroline Vandenberg. 2 ft. Midseason. Lavender-blue hybrid.

Count Zeppelin. 2 ft. Midseason. Large white flowers with deep crimson eye.

Daily Sketch. 3 ft. Midseason. Extra-large trusses and individual florets of light salmon-pink with faint carmine eye.

E. I. Farrington. 3 ft. Midseason. A most striking Phlox with large heads of salmon-pink flowers.

Leo Schlageter. 2½ ft. Midseason. Scarlet-red with an orange cast.

Lilian. 2½ ft. Early. Lovely pure pink.

Miss Lingard. 3 ft. Very early. Pure white. Useful for cutting.

Rosalinda. 3 ft. Late. A pink form of Miss Lingard.

Starlight. 2½ ft. Midseason. Violet-red florets shading lilac, white center.

Thor. 2 ft. Midseason. The florets are a combination of salmon-pink with a scarlet glow.

The following varieties are each 90c.;
3 of one variety \$2.25; 10 for \$6.50,
except Chesapeake

Appleblossom. 3 ft. Midseason. A beautiful soft pink.

Augusta. Pat. 252. 2½ ft. Midseason. American Beauty red.

Charles H. Curtis. 2½ ft. Late. A lovely sunset-red.

Dr. Klemm. 2 ft. Midseason. Lavender-blue, with rich purple centers.

Fairy King. 2 ft. Late. Large rounded heads of soft lavender. Resistant to the usual Phlox diseases.

Flash. 3 ft. Midseason. Gorgeous carmine-crimson flowers with orange-scarlet centers. Very showy.

Mary Louise. 2½ ft. Late. The best pure white, with heads of unusually large size. Clean foliage.

Progress. 2½ ft. Midseason. Light blue with deeper purple-blue eye.

Ruby Lee. 3 ft. Midseason. Extra-large, plum-red flowers. Healthy and vigorous.

Salmon Beauty. 2 ft. Midseason. Salmon-pink accentuated with white eyes.

New Phlox, Chesapeake

(Patent applied for.)

A beautiful semi-dwarf Phlox reaching 12 inches in height, with well-formed individual flowers 1½ inches in diameter. The inside color of the flowers is bright Tyrian rose, with a somewhat darker eye; the reverse of the petals is silvery white, making a wonderful contrast. The trusses are large, well formed, and very lasting. The habit of the plant is compact, branching from the base, making it very desirable for the front section of your perennial border. The foliage is dark green, very resistant to diseases. Each \$1.00; 3 for \$2.25; 10 for \$7.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Giant-flowering Peonies

Our Peonies are strong, 3 to 5-eye divisions. A pleasing combination is to use daffodils and hardy lilies among the Peony group, to give color in the border and garden in spring, summer and fall.

RECOMMENDATIONS FOR PLANTING: The ground should be well prepared to a depth of 12 inches. Incorporate coarse bonemeal

and avoid any animal manure near the roots. When planting lay the roots in their natural position with the eyes about 2 inches below the surface. Cover with salt hay after the ground is frozen.

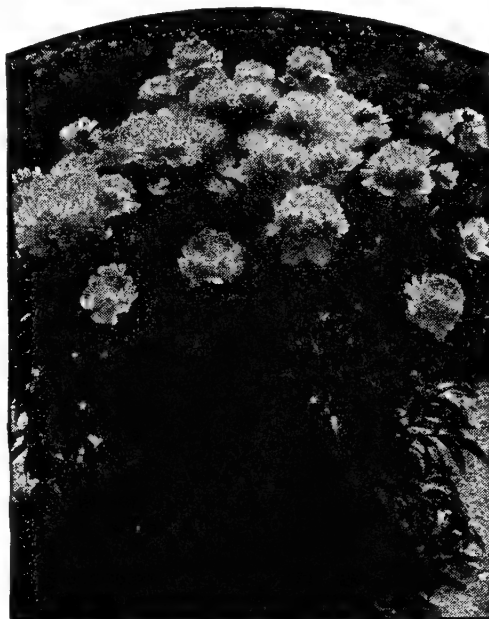
SHIPPING SEASON: September until ground is frozen.

PINK AND ROSE SHADES

- B. B. Wright.** Beautiful pink of a pleasing shade; good form and substance. Very much admired. Each \$5.00.
- Cornelia Shaylor.** Shell-pink. A fine late variety. Each \$2.00; 3 for \$5.50.
- Denis Debatene.** A splendid show flower of salmon-pink. It is of medium size, mildly fragrant, with good stems and foliage. Desirable for cutting. Each \$3.00; 3 for \$8.25.
- Edulis Superba.** The only Peony offered here that is rated under 8, and there is no reason why it should carry this low rating, for it is really a good Peony. Early, free flowering, and a fine cut-flower in the dark pink class. Each \$1.00; 3 for \$2.75.
- Elisa.** Hydrangea-pink. Each \$1.50; 3 for \$3.75.
- Elise Renault.** An unusual shade of lilac in Peonies. Should be grown in all Peony borders; late. Each \$2.50; 3 for \$6.75.
- Exquisite.** Rosy pink, fragrant, tall. Each \$1.50; 3 for \$3.75.
- Faustine.** Pale pink. Each \$1.50; 3 for \$3.75.
- Florence MacBeth.** Large; light pink. Each \$1.50; 3 for \$3.75.
- Floweret of Eden.** Mauve-pink. Each \$1.50; 3 for \$3.75.
- Gloriana.** Large; pink. A gold flower for the border. Each \$2.00; 3 for \$5.50.
- Hazel Kinney.** Clear hydrangea-pink, rose type. Very distinct in color and form and a most desirable sort. Each \$2.50; 3 for \$6.75.
- Judge Berry.** Delicate pink; early. Very large. Each \$1.00; 3 for \$2.75.
- Lady Alexandra Duff.** Immense flowers, four to six on a stem. Beautiful flesh-pink with golden anthers. Each \$1.50; 3 for \$3.75.
- Marie Crousse.** A most lovely variety. Tall stem and beautifully formed flowers of a charming shade of shell-pink. Fine. Each \$1.00; 3 for \$2.75.
- Martha Bullock.** Rose-pink; large flower. Each \$1.50; 3 for \$3.75.
- Miss Minneapolis. New.** Pale pink. Very attractive. A popular exhibition variety. Each \$5.00.
- Mons. Jules Elie.** A large, early-flowering Peony. One of the very best for cutting. Pale lilac-rose with an attractive silvery reflex. Each \$1.00; 3 for \$2.75.
- Nancy Dolman.** Pink. Tall variety with large blooms. Each \$2.50; 3 for \$6.75.
- Phyllis Kelway.** Very large, loosely built, rose-pink bloom; center petals are intermingled with bright golden stamens. Stiff stems with abundant foliage. Fine. Each \$1.00; 3 for \$2.75.
- Pink Opal.** Light pink; good large variety. Late. Each \$2.00; 3 for \$5.50.
- Sarah Bernhardt.** Very large, late, rose-pink flowers. One of the very best for exhibition and cutting on account of its perfectly formed flowers and graceful stems. Blooms very freely. Each \$1.00; 3 for \$2.75.
- Therese.** Soft pink—the best pink. Develops a high crown; strong grower and very free bloomer. One of the best mid-season sorts. Each \$2.00; 3 for \$5.50.
- Walter Faxon.** Vivid salmon-pink, often called salmon-rose. A good show flower. It is of medium size, mildly fragrant, with good stems and foliage. Each \$2.00; 3 for \$5.50.

WHITE AND CREAM SHADES

- Alsace-Lorraine.** Creamy white, very large, perfectly formed flowers. Late. Each \$1.50; 3 for \$3.75.
- Ball o' Cotton.** Pure white. Each \$1.50; 3 for \$3.75.
- Baroness Schroeder.** A tall midseason Peony with large, globular, flesh-white blooms. Each \$1.50; 3 for \$3.75.
- Crystola.** Pure crystal-white, very large and full. Strong growth. Each \$2.00; 3 for \$5.50.
- Denise.** Very large and full rose type. White flecked crimson. Tall, strong growth. Each \$2.50; 3 for \$6.75.
- Duchesse de Nemours.** White. An old and popular variety. Each \$1.00; 3 for \$2.75.
- Duluth.** Pure white, useful as a cut-flower. Late. Each \$3.00; 3 for \$8.25.
- Festiva Maxima.** One of the oldest of the white Peonies and some say the very best. A sure bloomer; early. Each \$1.00; 3 for \$2.75.



Michell's Giant-flowering Peonies

- Frances Willard.** Rose type, opening exquisite blush-white. Each \$1.50; 3 for \$3.75.
- Kelway's Glorious.** Creamy white with slight flecks of crimson. Very fragrant and considered one of the very best white Peonies. Late midseason. Each \$3.00; 3 for \$8.25.
- Le Cygne.** Very large, perfectly formed flower; the finest white. Received the highest rating of any Peony. Each \$3.00; 3 for \$8.25.
- Minnie Shaylor.** Semi-double white. One of the most popular among Peony growers. Each \$2.00; 3 for \$5.50.
- Mrs. A. M. Brand.** Purest white. Each \$2.50; 3 for \$6.75.
- Mrs. Edward Harding.** Very early, white flowers. Resembles a large gardenia. Each \$1.50; 3 for \$3.75.
- Myrtle Gentry.** Blush-white, very desirable. Each \$3.00; 3 for \$8.25.
- Priscilla Alden.** Warm white; early. Each \$3.00; 3 for \$8.25.
- Sarah K. Thurlow.** Large white; late. Each \$2.00; 3 for \$5.50.
- Solange.** Cream; very late. Each \$1.50; 3 for \$3.75.

RED AND CRIMSON SHADES

- Benjamin Franklin.** Dark crimson; tall. Each \$1.00; 3 for \$2.75.
- Felix Crousse.** Late midseason red Peony. Probably the largest seller of all in its color. Each \$1.00.
- Francois Rousseau.** Dark red; early. Each \$1.00; 3 for \$2.75.
- Grover Cleveland.** Dark crimson. Each \$1.00; 3 for \$2.75.
- Henry Webster.** Large red; late. Each \$2.50; 3 for \$6.75.
- Karl Rosenfield.** Tall; midseason. Globular, semi-rose type flowers of bright crimson. Each \$1.00; 3 for \$2.75.
- Longfellow.** One of the most popular red varieties because of its distinct fadeless color and general dependability, both for cutting and garden decoration. Comes into bloom in early midseason. Excellent foliage and long stiff stems. Each \$1.50; 3 for \$3.75.
- Mme. Gaudichau.** Dark crimson. Each \$2.00; 3 for \$5.50.
- Onondaga. New.** Tall red, an outstanding variety. Each \$7.50.
- Philippe Rivoire.** Early flowering. Dark crimson; very symmetrical and with a rich rose scent. Each \$3.50.
- Richard Carvel.** Bright crimson. Large and early. Each \$1.00; 3 for \$2.75.

YELLOW SHADES

- Betty Blossom.** Soft yellow effect. Each \$2.00; 3 for \$5.50.
- Laura Dessert.** Canary-yellow. Each \$2.00; 3 for \$5.50.
- Primevere.** An attractive midseason variety with a sulphur-yellow center and creamy guard petals. Each \$2.00; 3 for \$5.50.

SINGLE VARIETIES

- Helen.** Shell-pink, tall and erect. A very pleasing Peony. Each \$3.00; 3 for \$8.25.
- Jeanne Ernoult.** A new apple-blossom-pink, of fine quality and beautifully formed. Tall, free flowering, and one of the finest of all single pink Peonies. Each \$2.00; 3 for \$5.50.
- Le Jour.** Extra-fine white, with two rows of very long, wide overlapping petals. The center has a broad ring of golden yellow stamens surrounding a group of reddish carpels. Each \$2.00; 3 for \$5.50.
- Minnehaha.** Very early. Bright cherry-red with center tufts of clear golden stamens. Each \$1.00; 3 for \$2.75.
- Nellie.** Very fine pink-blush, introduced by the world-famous Peony specialist, Kelway. Each \$1.50; 3 for \$3.75.
- Pride of Langport.** Large rose-pink; mid-season. Carpels smooth, tips red; disk distinct, pink. Plant large, spreading; flowers numerous and held high above the foliage. Each \$1.50; 3 for \$3.75.
- Princess Mathilda.** Large Tyrian pink; early. Plant medium size, spreading; flowers numerous. Each \$1.50; 3 for \$3.75.

IMPERIAL or ANEMONE-FLOWERED PEONIES

- Altar Candles.** Large; light blush-pink. Midseason. Each \$1.50; 3 for \$3.75.
- Cathedral.** Large; aster-purple. Midseason. Each \$1.50; 3 for \$3.75.
- Constance.** Pink, yellow center. Each \$2.00; 3 for \$5.50.
- Glory.** Light Tyrian rose. Each \$2.00; 3 for \$5.50.
- Knight of the Thistle.** Large; crimson with a purple sheen. Each \$1.50; 3 for \$3.75.

ALL PRICES SUBJECT TO MARKET CHANGES

The blooms of Viola Royal Robe make an ideal table arrangement

Rosmarinus

Officinalis. Rosemary. A very fragrant herb, first introduced in 1548 and still a general favorite. Likes a sunny location and ordinary soil. Each 75c.; 3 for \$1.60; 10 for \$5.00.

RUDBECKIA

Purpurea, The King. A crimson-red form that can be combined effectively with White Lustre.

White Lustre. This new Rudbeckia we feel confident will take its place as an important addition in many perennial gardens. You can count on White Lustre to reach 3 feet in height. Blooms freely on sturdy stems from late June to September.

All Rudbeckias, each \$1.00; 3 for \$2.75

Salvia • Sage

Pitcheri. Similar to Azurea but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft. Each 75c.; 3 for \$1.60; 10 for \$5.00.

Santolina

Chamaecyparissus (S. incana). Lavender-Cotton. A useful plant for knot gardens; can be sheared. Gray foliage. 12 to 15 in.

Viridis. The plant is useful in the knot garden, a pleasing green in contrast to the gray of the above variety. Good as an individual specimen.

All Santolinas, each 60c.; 3 for \$1.30; 10 for \$4.00

Scabiosa

Isaac House Giants. Lavender-blue flowers on strong 18-inch stems from June until September. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Sedum

Spectabile. A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

Spectabile, Brilliant. A rich-colored form of the above, being a bright amaranth-red.

All Sedums, each 60c.; 3 for \$1.30; 10 for \$4.00

*Statice (Limonium)

Sea-Lavender

Latifolia. Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. 1 to 2 ft. Each 75c.; 3 for \$1.60; 10 for \$5.00.

Stokesia • Cornflower Aster

Blue Moon. A new and striking giant-flowering form of lavender-blue. Each 75c.; 3 for \$1.60; 10 for \$5.00.

Sweet William

Dianthus barbatus

Mitchell's Prize Mixture. All colors.

Pink Beauty. Sometimes called "Newport Pink." An excellent shade of salmon; immense flower trusses.

Scarlet Beauty. A deep scarlet shade.

All Sweet Williams, 3 for \$1.30; 10 for \$4.00

Thalictrum • Meadow-Rue

Adiantifolium. A beautiful variety with foliage like the maidenhair fern and miniature white flowers in June and July. 1½ to 2 ft. 3 for \$1.30; 10 for \$4.00.

Glaucum. Blue-gray leaves rather finely cut, with heads of fragrant Chinese yellow flowers. 3 for \$1.30; 10 for \$4.00.

Lavender Mist. Large, loose flower panicles of lavender-purple. Each 75c.; 3 for \$2.00.

Tradescantia • Spiderwort

Ideal plants for shady locations. The common old-fashioned forms were known to our grandmothers, who had many names for them. The hybridizers have been at work improving them not only in color and size of bloom, but they have considerably lengthened the period of bloom.

NEW TRADESCANTIAS

Sent out by the U. S. Department of Agriculture.

The descriptions are those of the Department. Height 15 to 20 inches.

Blue Stone. Low-growing. Large rich blue flowers.

Iris Pritchard. White flowers, heavily stained with azure-blue; blue center. Late bloomer.

James Stratton. A variety with large flowers, 2½ inches from tip to tip; color deep delphinium-mauve, slightly shaded with rose.

Pauline. Flowers are rosy mauve. Vigorous.

Purple Dome. A vigorous plant with large clusters of rich purple flowers.

A Tradescantia collection in your shady garden will make an interesting planting.

A single plant of any variety, 70c.; 3 of one variety \$1.60; 10 for \$5.00



Tradescantia

Tritoma • Red-Hot Poker

These striking spire-like blooms make effective accents in the perennial border and are charming in flower arrangements. Plant in a well-drained, sunny place and give the plants a light mulch of excelsior or any other suitable material for winter protection.

Golden Sceptre. Its saffron-yellow, 3-foot spikes create a fine display in summer. Vigorous grower.

Pfitzeri. The everblooming Tritoma. Bright orange-scarlet flowers with salmon-rose edges. Fine for cutting. 3 ft.

Primrose Beauty. Clear primrose-yellow. A graceful plant, flowering late in the summer.

Robin Hood. New. Orange-scarlet. Destined to become one of the most popular Tritomas. Each \$1.00; 3 for \$2.75.

All Tritomas, each 75c.; 3 for \$2.00, except where noted

Valeriana • Valerian

Officinalis. Hardy Garden Heliotrope. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor. 3 to 4 ft. 3 for \$1.30; 10 for \$4.00.

Veronica • Speedwell

Blue Spire. A hybrid of *V. longifolia subsessilis* and *V. spicata* which has retained the glorious dark color of *Subsessilis*. Each 75c.; 3 for \$2.00; 10 for \$5.00.

★**Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Longifolia subsessilis. Japanese Speedwell. The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug. to Oct. 3 for \$1.60; 10 for \$5.00.

Viola odorata • Sweet Violet

Double Russian. Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance.

Royal Robe. A distinct addition to the Violet family that deserves a place in your shady rock-garden or as a ground-cover. Flowers are a lustrous shade of violet-blue. A dozen of these plants will furnish quantities of bloom during early winter and early spring.

All above Violas, 3 for \$1.60; 10 for \$5.00

Viola cornuta • Tufted Pansies Newer Hybrids

Jersey Gem. Without doubt the best bedding Viola yet introduced, flowering continuously from April until heavy frost. Flowers pure violet, on stems about 6 inches long.

Purple Heart. Pat. 671. Its long stems and large, heart-shaped, purple flowers lend themselves to ideal flower arrangements. Each \$1.20; 3 for \$3.50; 10 for \$10.00.

Wedgwood. One of the best, producing beautiful Wedgwood-blue flowers.

Yellow Queen. Another large-flowered type with deep pure yellow flowers.

All above Violas, each 60c.; 3 of one variety \$1.35; 10 for \$4.00, except where noted.

*Vinca

Periwinkle, Trailing Myrtle

Alpina. This Vinca is a deep, glowing velvety claret. Although endowed with a vigorous constitution, the habit is refined, compact, and never becomes straggly.

Bowley Variety. The foliage is a rich glossy green, of strong texture. Flowers are large, of a deeper rich blue and are borne with remarkable profusion.

Minor alba. A white-flowering form of the above.

Minor aurea. Golden variegated foliage and blue flowers.

All Vincas, 3 for \$1.20; 10 for \$4.00; 100, \$30.00

Special Notice On Guarantee

We spare no effort to supply all plants, shrubs, roses, vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Hardy Garden Roses

GENERAL LIST OF HYBRID TEAS—Monthly Blooming

Dormant Stock can be Shipped up to April 1. Each \$1.50; doz. \$15.00

Pot-Grown Roses available in May and June. Each \$1.75; doz. \$18.00

SPECIAL OFFER: 6 Varieties (Marked*) for \$7.50

Please Ask for Collection No. 9

The Above Collection, Pot-Grown for delivery in May or June, for \$9.00

Please Ask for Collection No. 9A

***Autumn.** Bicolor. Compact, very double flowers of burnt-orange streaked with red; moderately fragrant. Close-growing, upright plants with heavy foliage. Known for superb fall bloom.

Condesa de Sastago. Fragrant yellow and raspberry-red bicolor. This gay Rose with the colors of sunny Spain will liven any planting.

Edel. White, free flowering. Lovely for cutting.

***E. G. Hill.** Large, ovoid buds and immense, dazzling red flowers, shading to darker crimson without turning purple, on long stems. Plant vigorous and free flowering.

***Etoile de Hollande.** This Rose charms continuously with its delightful crimson color. One of the finest, most richly fragrant, everblooming red Roses.

Golden Dawn. Maize-yellow. Magnificent, large, full-petaled, tea-scented, maize-yellow blooms are borne almost continuously on fine plants. Lovely glossy, disease-resistant, holly-like foliage.

Golden Rapture. Golden yellow. Bud pointed; flowers very large, clear golden yellow with old Rose fragrance. Foliage large and glossy.

***Joanna Hill.** Yellow. Attractive buds of orange-yellow open to large double flowers with an orange center, paling to cream color at the edges of the petals. Borne on long stems and very popular for cut-flowers.

***Los Angeles.** Yellow with pink shading. Should be in every Rose-garden.

McGredy's Ivory. A strong-growing variety with large, ivory-white blooms.

Mrs. E. P. Thom. Long, shapely buds of large size, developing into full, double flowers of deep lemon-yellow sweetly scented.

Poinsettia. Lovely, well-formed, long buds and vividly colored flowers of poinsettia-scarlet, which suggested the name.

President Macia. Pink. Imagine the longest Rose-bud you ever saw, of a lovely shade of pink, marked with heavy veins of darker pink, and each of the perfect buds on a splendid stem for cutting. When open, the fact of the petals is pale flesh, warmed with a yellow flush toward the base, the reverse the rich pink of the buds. Fruity scent.

Radiance. The two-tone pink, cupped flowers have a pungent, true Rose fragrance. In continuous demand on account of its vigorous, healthy growth and remarkable freedom of bloom.

Red Radiance. Counterpart of Radiance from which it is a sport, possessing all of the good points of that variety but differing in color, which is a bright cerise-red.

Soeur Therese. Candelabra (not clusters) of five to fifteen flowers forming on top of sturdy canes that hold the blooms erect. Buds are marked with carmine but the open blooms are clear yellow.

Talisman. Its combination of apricot, gold, and deep rose-pink gives a glittering mass of color over a long period of time.

***The Doctor.** Immense, long-pointed buds of sparkling pink slowly opening to great flowers 5 to 6 inches across. Exquisite satiny, silvery pink. Fragrance is intense. Spreading growth. 23 petals. Internationally recognized as an outstanding Rose.

For Information on Taking Care of Your Roses Join The

AMERICAN ROSE SOCIETY

—a National Association of Rose Lovers.

DR. R. C. ALLEN, Secretary
Box 687, Harrisburg, Penna.



A Beautiful Rose-Garden

Garden Roses

MONTHLY-BLOOMING PATENTED HYBRID TEA ROSES

Dormant Stock can be Shipped up to April 1. Each \$2.00; doz. \$21.00

Pot-grown Roses available in May and June, each \$2.25; doz. \$24.00

SPECIAL OFFER: 4 Varieties Marked* (Please Ask for Collection No. 10) for \$7.50

The above collection, Pot-grown for delivery May-June (Please Ask for Collection 10A) for \$10.00

AARS **MEANS:** Roses marked with this symbol are those recommended by **ALL-AMERICA ROSE SELECTIONS**, after two-year trials in a group of test gardens located in many different zones of climate, from the Atlantic to the Pacific and from Minnesota to the Gulf. Any Rose receiving this award has proved its real superiority as a garden Rose.

AARS **Apricot Queen.** Pat. 464. A lovely combination of colors—orange and apricot at base of petals, merging to salmony rose and phlox-pink in the fully developed bloom.



Fig. 1

Butterscotch. Pat. 613. The length and grace of the petals are outstanding. The outside is soft, pale orange-yellow; the inside lemon-chrome at the base, changing to pale yellow-orange, penciled very lightly with orange-buff.

AARS **California.** Pat. 449. A sensational novelty. Color is a glorious shade of ruddy orange toned with saffron-yellow. Growth vigorous, with healthy, glossy green foliage.

Crimson Glory. Pat. 105. Glorious in its perfect form, its size, and its fragrance. Deep vivid crimson, shaded oxblood-red and finished with a velvety nap. Still "tops" among red Roses. Flowers late into the fall.

***Douglas MacArthur.** Pat. 581. A strong-growing variety with good healthy foliage and the rugged qualities lacking in so many Hybrid Tea Roses. The color is somewhat difficult to describe; rose, gold and salmon are blended into a fine tone.

Edith Willkie. Pat. 500. The deep jasper-red flower bud is high and pointed. As the petals unfurl they show an inside surface of vivid shrimp-pink with lemon-yellow base.

AARS ***Heart's Desire.** Pat. 501. In this new Gold Medal variety your heart's desire for a red Rose bordering on perfection will be attained. Large and double, with wonderful fragrance.

AARS ***Mme. Chiang Kai-shek.** Pat. 664. This Rose has been named in honor of the First Lady of China. Long spiral buds unfurl slowly, culminating in light clear yellow flowers of perfect proportions.

AARS **Mirandy.** Pat. 632. Large, very double, rich maroon-red blooms. Among the finest red Roses in the world. The plant is strong, free branching, with heavy stout stems, and keeps producing its glorious flowers freely all season against a background of dark green foliage.

Peace. Pat. 591. Very large, full-petaled flowers of soft yellow suffused and edged pink. Distinctive and charming. A much sought-for Rose. Very popular.

***Pearl Harbor.** Pat. 637. Flowers are borne on vigorous canes without thorns. The buds are long pointed. The upper surface of the petals is delicate shell-pink with golden bronze shading at base; the reverse is vivid Tyrian-rose.

Santa Anita. Pat. 539. A lovely Rose. Perfectly formed, long-pointed buds unfold into beautiful flowers of crystal-clear peach-blossom-pink.

Shangri-La. Pat. 665. The long-pointed buds are perfect, and upon opening show a rare combination of tints and shades—blush, salmon and rose delicately blended, yet clear and sparkling.

See pages 74 and 75 for other Roses

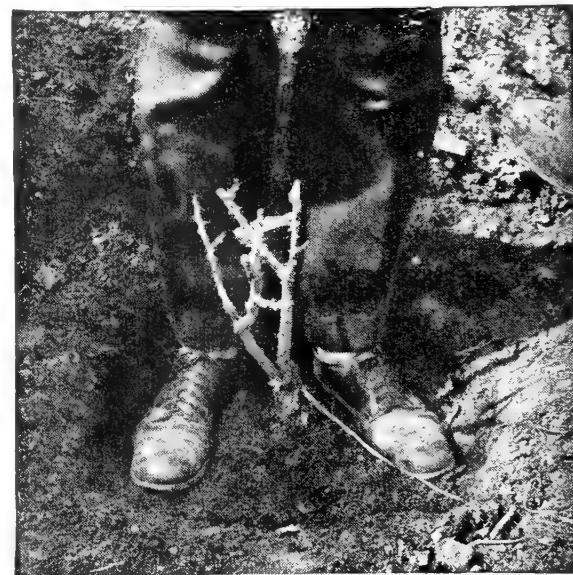


Fig. 3

HOW TO PLANT A ROSE BUSH

1. Dig the hole large enough to accommodate the root system without crowding. Remove any bruised or broken roots.

2. Spread out the root system and adjust the height so that the bud-union will be slightly below the natural ground level. Work the pulverized soil carefully around the roots so that no air spaces are left.

3. Fill in soil to cover the roots and firm. Fill the hole with water and allow to drain away before filling in with the remainder of the soil.

4. Mount soil high around the stems for protection until growth starts; then remove carefully.



Fig. 4



Fig. 2

Michell's Hardy Garden Roses

1948 Award Winners All-America Rose Selections

Dormant stock up to April 1, each \$2.00.
Pot-grown stock in May and June, each \$2.25.

Nocturne. Pat. 713. Has one of the longest, most perfect, streamlined buds displayed by any Rose in its color. Bright cardinal-red with deep, intriguing shadings of chrysanthemum-crimson. The large petals have good substance, are richly textured, and there are plenty of them, so that the flower lasts a long time. In hot weather the color becomes somewhat lighter. The blooms are pleasantly fragrant, although not approaching Mirandy in this respect.

The stems are long, the foliage large, abundant and semi-glossy. The plant displays plenty of vigor and quickly grows into a big sturdy bush in the garden.

Reports from the official All-America test gardens throughout the country were uniformly good, and other test plantings have aroused much enthusiasm. The variety seems well adapted to all climates.

Nocturne is the result of a cross between the Roses Charlotte Armstrong and Night. It was originated in the Research Department of the Armstrong Nurseries by Herbert C. Swim.

San Fernando. Pat. pending. The introduction of this grand Rose is an important milestone in the production of better red varieties. Competent judges who have seen this elegant red Rose in bloom rank it high. The bright vermilion buds are long and pointed, opening into fully double flowers of vermilion-scarlet. In addition to the lovely form and brilliant color, San Fernando has another outstanding quality—intense and lasting fragrance.

The vigorous growth, fine foliage, brilliant color and pointed form are sufficient qualities to recommend any Rose, but when you add spicy old Rose fragrance it can be truthfully said that San Fernando will be among the leading varieties for a long time to come.

Taffeta. Pat. 716. Outstanding in its ability to produce long-stemmed, perfectly formed, fragrant buds in the rich pink and salmon tones which almost everyone likes. At various time it is rose-pink, salmon, or apricot, but the predominant color is usually rich carmine-rose in the bud, changing to begonia-rose in the open flower. The reverse of the petals always displays considerable yellow. The slender, medium to large buds open to semi-double flowers with about 21 frilled, delicately veined petals. The blooms have a pronounced fragrance.

The vigorous, upright plant is moderately bushy, with huge, glossy, dark green leaves, mahogany-red in the young stage.

Nation-wide tests indicate that Taffeta is a success in all sections of the country—Pacific Coast, Middle West, East Coast and South. It is the result of a cross between the Roses President Hoover and Mrs. Sam McGredy. It was originated in the Research Department of the Armstrong Nurseries by W. E. Lammerts.

Large-flowering Polyantha or Floribunda Roses

Dormant Roses will be shipped up to April 1. Each \$1.50; doz. \$15.00.

Pot-grown Roses to be shipped during May and June, each \$1.75; doz. \$18.00, except those marked *

Varieties marked * dormant, each \$2.00; doz. \$21.00.

Pot-Grown, each \$2.25; doz. \$24.00.

***Bright Eyes.** A fine new yellow Floribunda. As the canary-yellow buds expand, the color alters to a silvery yellow near the outer margins of the petals. At times the silvery tips are tinted with soft pastel pink and rose. One of its chief attributes is the great strength of the plants. The rich clean foliage is always brilliant, having the smooth, unwrinkled appearance of freshly laundered linen. For bordering walks, massing in beds or cutting, Bright Eyes will qualify as a fine Rose in every detail.

Cecile Brunner. Charming light pink flowers, shading into yellow at the base. Dainty in size and lovely in color. It is the perfect Rose for nosegays and corsages, also splendid for borders and massing.

Cheerio. Superb in every respect. A Rose of outstanding merit whether used for mass planting in beds or borders or as an accent in the garden, carrying a superabundance of brilliant double flowers, gracefully arranged. The petals are clear mallow-pink shading to Tyrian-rose at the base, with the reverse luminous rose-madder.

***Crimson Rosette.** Clusters of brilliant red Roses cover the dark green, heavily foliated bushes in a continuous display of velvety red. The medium-sized, fifty-petaled buds expand slowly, finally culminating in open flowers of vivid crimson. Every flower in the spray is an exquisitely formed red plush rosette. The rugged growth accounts for the tremendous quantities of flowers produced.

***Floradora.** Pat. pending. For scintillating brilliance this new Rose surpasses all others. The color is bright cinnabar with shades of scarlet and geranium-red. It can only be matched by the most brilliant azaleas which bloom for two weeks in the spring while the vivid, exciting blooms of this new Rose are borne continuously for five months in the year.

Gloria Mundi. The most brilliant orange-scarlet imaginable. Never fades. Showy, well-formed, double flowers.

***Glorious.** The extremely vigorous bushes are well branched, with strong canes that divide into many open sprays bearing informal clusters of deep vermilion buds, expanding into semi-double flowers of Tyrian-rose. The flowers cover the plants. It would be impossible to surpass the new Rose Glorious for the purpose of bordering walks or drives, for mass planting or grouping, in fact, for any situation where a wealth of glorious color is desired.

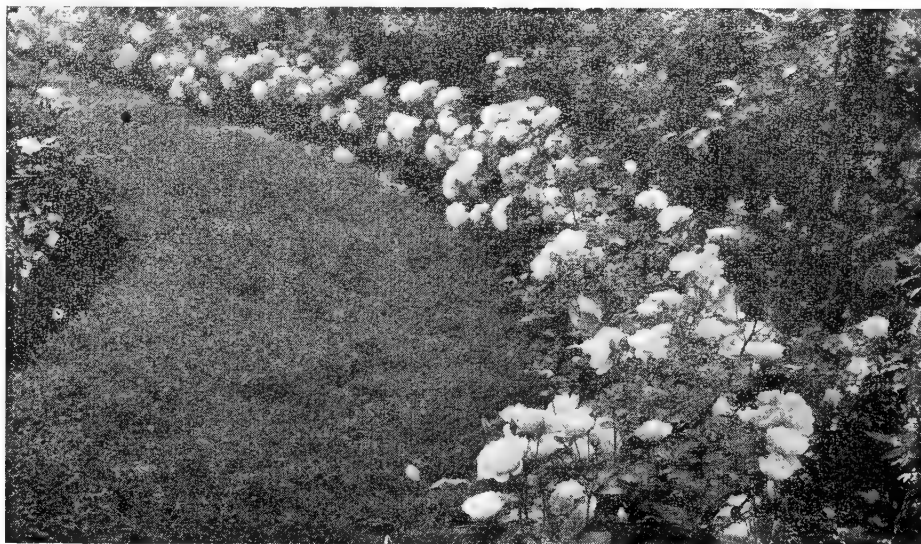
***Ming Toy.** A new Polyantha Rose. The fifty or more petals are so precisely placed that the high-centered, brilliant rose flowers may be fairly compared with the finest camellias in form. The rugged plants abound with health, which accounts for the constant production of bloom. This energy is manifested in the cut sprays as well as the plants.

***Pink Rosette.** Links the glamour and beauty of the present with the style and charm of the past. The open sprays bearing many pure peach-pink buds with fifty or more shell-like petals, are streamlined and unfold to open flowers of perfect proportion and form. Yet for all its up-to-the-minute newness there is about the Rose an indefinable quality that connects Pink Rosette with the quaint style, primness and beauty of Colonial times.

Rosenelfe. Graceful clusters of dainty La-France-pink flowers superbly suited for cutting and table ornament. The handsomely shaped, small buds or open blooms lend themselves perfectly to any kind of decoration. In the garden they never fail to draw attention. Color holds up well in hottest sun. A fine grower, with excellent foliage. One of the best in this group.

Springtime. Pat. 268. A Rose that will thrill you with its exquisite apple-blossom-pink shade with lighter center. Forms elegant, impressive flower sprays, composed of semi-double, cup-shaped blooms. Superb for cutting.

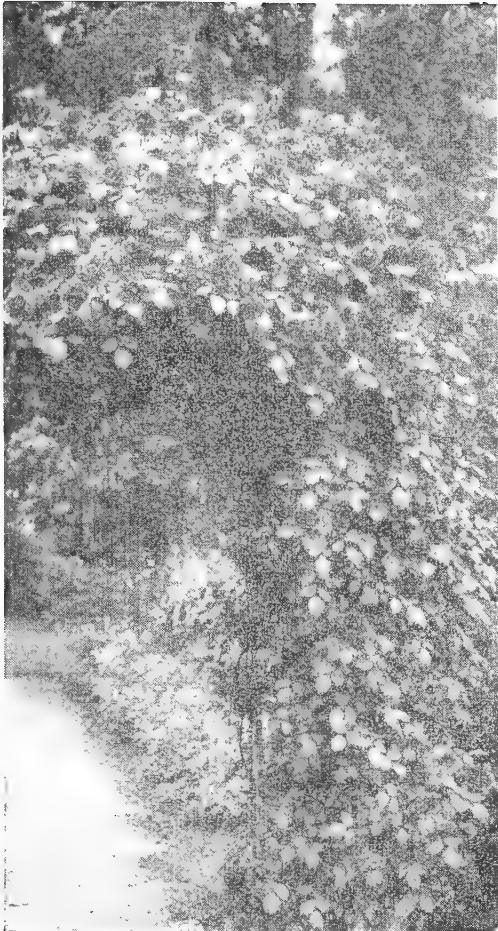
White Finch. Pat. 277. The fine clusters of flowers are pure white. Especially valuable for contrasts such as in combination with Ming Toy or Floradora.



Border of Large-flowering Polyantha Roses

ALL PRICES SUBJECT TO MARKET CHANGES

Garden Roses



Paul's Scarlet Climber

Hardy Climbing and Rambler Roses

As ornamental plants for covering verandas, porches, side walls, pillars, fences, etc., these are unequaled, calling forth more admiration than anything else that can be used. The large-flowered varieties require no pruning beyond the removal of very old and worn-out canes and the thinning out of weak growth. Canes becoming too long may be shortened.

The Ramblers, or small-flowered cluster type, should have the old canes removed at the base as soon as they finish blooming, training the new canes into place for next year's bloom.

Dormant plants until April 1, each \$2.00, except where noted
Pot-grown, for delivery in May and June, each \$2.25; doz. \$25.00

Blaze. Pat. 10. Scarlet-crimson blooms.

Doubloons. Pat. 152. Here is a gloriously lovely climbing yellow Rose, noted for hardiness and vigorous, healthy growth, and furnished with dark green, leathery foliage. The shapely buds open to large, firm-textured blooms of saffron-yellow with clean, spicy fragrance.

Mary Wallace. Large pink flowers with a luminous sheen. Strong growth.

New Dawn. Pat. 1. Blush-pink. Ever-blooming. Each \$2.25.

Paul's Scarlet Climber. No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet maintained without burning or bleaching until the petals fall. Dormant \$1.75; Pot Grown \$2.00.

Silver Moon. Midseason white. Great silvery white, semi-double blooms, with a foil of dark leathery foliage.

Hardy Miniature Roses

For the Rose garden in the window or porch-boxes. They will bloom indoors for weeks under an inverted jar or glass globe before time to plant them in the garden.

Midget. Pat. 466. The tiniest rose-red, full double, miniature Rose. Almost thornless. Each 75c.; 3 for \$1.90; doz. \$7.50.

Pixie. Pat. 408. The world's smallest double white Rose. It is very double, with 40 or more tiny petals marvelously packed in each little bloom. In cool weather they show a dainty flush of pink. Each 75c.; 3 for \$1.90; doz. \$7.50.

Rouletti. Small, rose-pink, double flowers about an inch in diameter. Each 65c.; 3 for \$1.65; doz. \$6.50.

Sweet Fairy. Pat. 748. New. The first miniature with a true Rose fragrance. Dainty, dark pink buds open to charming, very double, 1-inch blooms of apple-blossom-pink. Each \$1.25; 3 for \$3.15; doz. \$12.50.

Tom Thumb. Pat. 169. Deep crimson buds growing slightly lighter as the blooms open, later disclosing a white eye in the heart of each flower. Each 75c.; 3 for \$1.90; doz. \$7.50.



Miniature Rose, Rouletti



Tree Rose

Tree Roses

These are available in limited quantities only. Pot grown, for shipping in May and June, offered subject to being unsold on receipt of order.

The following patented varieties, each \$5.00

Apricot Queen	Heart's Desire
Butterscotch	Santa Anita
Douglas MacArthur	Shangri-La

The following standard varieties, each \$4.50

Etoile de Hollande	Mrs. E. P. Thom
Golden Rapture	Radiance
K. A. Viktoria	Red Radiance

Ferogen. A remarkable plant-food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early spring and summer. Ferogen reinforces stable manure. Lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00; 100 lbs. \$40.00.

Climbing Hybrid Teas

We take pleasure in offering the following varieties of Climbing Hybrid Teas in pots ready for shipment in May and June, 1948.

Each \$2.25; doz. \$25.00

Cl. Carrie Jacobs Bond. Deep rich rose shade.

Cl. Condesa de Sastago. Yellow and raspberry-red.

Cl. Hadley. Crimson-red.

Cl. K. A. Viktoria. White.

Cl. Lady Sylvia. Silvery salmon-pink with gold base.

Cl. Mrs. E. P. Thom. Yellow.

Cl. Radiance. Pink

Cl. Red Radiance. Red.

Cl. Talisman. Bicolor.

Ednah Thomas. Pink.

Gold Rush. Handsome yellow.

Mme. Gregoire Staechelin. Pink.

TRI-OGEN

The All-Purpose Spray

FUNGICIDE—INSECTICIDE PLANT STIMULANT

Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment.

A. Small Kit (makes 16 qts.)	..... \$1 50
B. Medium Kit (makes 64 qts.)	... 4 00
C. Large Kit (makes 32 gals.)	..... 6 00
D. Estate Kit (makes 128 gals.)	... 20 00

ALL PRICES SUBJECT TO MARKET CHANGES

Water-lilies and Other Plants for the Garden Pool

Please Note that these plants have to be shipped direct to you from the pools where they are grown.

CARE OF YOUR WATER-LILIES

Hardy Water-lilies may be planted any time from the first of April until the middle of August. Tropical varieties may be planted when the temperature averages 70 degrees, or about May 25. Water-lilies come into flower early in the season and bloom until frost.

Concrete pools are best left full of water and covered with

boards and straw. Hardy Water-lilies will winter in the pool if the water does not freeze deeply, but tropical ones are best considered as annuals and purchased new each year.

New concrete pools should be filled with water and drained at least four times before any fish or plants are introduced.

Hardy Water-lilies

WHITE

Gladstone. Largest of white Water-lilies, requiring considerable space for best development. Flowers are pure white, cup-shaped, 6 to 8 inches across with golden yellow stamens. Leaves dark green. Each \$2.50.

Marliac Albida. Large, pure white flowers with yellow stamens. Blooms the entire season. Sepals are tinted with pink. Leaves dark green above and red beneath. Each \$2.25.

Odorata Gigantea. Very large, pure white, very fragrant. Flowers often 6 inches across. A free bloomer. Each \$1.25.

PINK

Eugenia Deland. Flowers are extra large, very beautiful deep rose-pink. Very vigorous and free-blooming variety. Each \$2.25.

Helen Fowler. Deep pink with lighter center, borne well above the water. Flowers are not so large but are produced continuously. Each \$1.50.

Marliac Carnea. Large, soft flesh-pink, deeper toward center. Free flowering, with large purplish red leaves changing to deep green. Each \$2.00.

Marliac Rosea. Similar to Carnea except that it is deep rose-pink. Flowers 4 to 5 inches across. Each \$2.50.

Pink Opal. Full-petaled, cup-shaped flowers of deep rich pink. Each \$2.00.

Rose Arey. Considered the most desirable of the fragrant Water-lilies. Brilliant pink. Petals are pointed and incurved, with golden yellow stamens. Excellent bloomer, producing very large flowers often 7 to 8 inches in diameter. Each \$3.00.

YELLOW

Marliac Chromatella. Charming canary-yellow, 4 to 6 inches across. Leaves green mottled with brown. Free bloomer. Should be divided every few years. Each \$2.50.

Sunrise. One of the first to open in the morning. Free bloomer, 7 to 10 inches in diameter, and stands well above the water. Clear sulphur-yellow color. Blooms early spring to late fall. A superb variety. Stands crowding. Each \$3.50.

RED

Attraction. One of the most beautiful, often 8 to 10 inches across. On opening it is garnet-red with almost white sepals and stamens of rich mahogany, tipped with yellow. No pool is complete without it. Each \$3.25.

Gloriosa. Deep carmine-rose, becoming deep red with age; 5 to 6 inches in diameter. Blooms continuously. Ideal for either pool or tub. Each \$3.00.

James Brydon. Cup-shaped flower of rich rose-crimson, 5 to 6 inches across. Early bloomer and rapid grower. Adapted to either tub or pool culture. Each \$3.00.

Conqueror. An immense flower similar in character to Attraction. Strong healthy plants. Each \$2.50.

CHANGEABLE COLORS

Paul Harlot. Flowers are large, cup-shaped, light yellow, delicately shaded copper-red. Each \$2.50.

Tropical Day-Bloomers

WHITE

Mrs. G. H. Pring. Best pure white tropical Water-lily, producing large, fragrant, white flowers. Each \$2.50.

PINK

General Pershing. Unique flower opening at 7 A.M. and closing at 7 P.M. Very fragrant; measures from 8 to 10 inches across. Flowers are borne about 12 inches above water. Buds dark green striped with dark purple. A fine bright color. Each \$3.50.

Zanzibariensis Rosea. Fragrant, deep pink, 6 to 8 inches across. Opens earlier in the morning than other varieties. Each \$2.25.

BLUE

Pennsylvania (Blue Beauty). This is one of the most popular blue varieties. The flowers are large and bloom continuously from spring until frost. Each \$3.00.

Mrs. Edwards Whitaker. One of the newer hybrids and the largest of day-bloomers. Lavender-blue on first opening, getting paler as the flower ages. Leaves beautifully mottled and streaked with dark red. Opens at 6.30 A.M., closing as late as 7.30 P.M. No other remains open so long. Flowers about 10 inches across. Each \$3.00.

Dauben. Small light blue Water-lily, especially adapted to tub culture. Will sprout additional plants from the center of its leaves. These new plants often send forth blooms while still attached to the parent. Each \$2.25.

PURPLE

Panama-Pacific. Rich rosy red on first opening, changing to deep reddish purple with yellow stamens. One of the most popular and most promising of day-bloomers. Also throws young plants which frequently flower while attached to parent plant. Each \$2.75.

August Koch. Flowers are 7 to 8 inches in diameter and rise from 8 to 10 inches out of the water. Petals are pale wistaria-violet. An excellent variety, blooming freely. Produces young plants from the surface of the leaves. One of the easiest of the tropicals to grow. Each \$2.75.

Tropical Night-Bloomers

Bissett. Petals extremely wide, beautiful pink. One of the best growers. Each \$2.25.

Dentata Superba (Juno). Pure white, 10 to 12 inches across, with yellow stamens. Leaves are large, deep glassy green. Flowers very freely throughout summer. Stands well above water. Very noticeable at night. Each \$2.25.

Devonshire. Deep red, about 6 to 8 inches across. Open from 7 or 8 P.M. until 10 A.M. Each \$2.25.

Omarana. Flowers from 8 to 12 inches across, beautiful rosy pink. Stamens deep orange-red. One of the best and most free flowering of all night-bloomers. Each \$2.25.

Aquatic Plants

HARDY

PONTEDERIA cordata. Pickerel Rush. Blue flowers produced freely. Total growth about 2 feet. 3 for \$1.35.

SAGITTARIA sagittifolia. Giant Arrowhead. Long strap-like green leaves 1 to 3 feet above water. 3 for \$1.35.

TROPICAL

CYPERUS alternifolius. Umbrella Plant. Will grow 4 feet high. Successful in small pools or in moist ground. 3 for \$1.50.

HYDROCLEIS nymphoides. Water-Poppy. Floating yellow flowers all summer. Not hardy. 3 for \$1.00.

MYRIOPHYLLUM proserpinacoides. Parrot's Feather. Rises about 6 inches out of the water. 3 for \$1.00.

Floating Plants

EICHHORNIA crassipes major. Water Hyacinth. Lilac-rose flowers. 3 for \$1.00.

PISTIA Stratiotes. Shell Flower; Water Lettuce. A rosette of fluted blue-green velvety leaves. Grows best in a shady pool. 3 for \$1.25.

SALVINIA braziliensis. Salvinia. Dainty soft green leaves covered with a velvety nap of tiny hairs. The growth forms an attractive chain of these leaves which are about 1/4 inch in diameter. Each 50c.

Oxygenating Plants

ANACHARIS canadensis gigantea. Giant Water Weed. A beautiful submerged plant with dark green ovate leaves and light stems. 3 for \$1.00.

SPECIAL PLANT COLLECTION A-1.

Consisting of enough plants of our own selection to balance a ten-gallon aquarium. \$2.00.

SPECIAL PLANT COLLECTION A-2

A splendid group of plants, to balance a 15 or 20-gallon aquarium, more than double the above collection and including some rare and very choice varieties. \$3.50



Water-lilies

Clematis, A Garden Treasure

ON GROWING CLEMATIS

Soil. A rich well-drained loam, loosened by the addition of sand or peat-moss, is best. Make certain that the collar of the plant is set 2 to 3 inches below the surface of the soil. Firm the soil well around the roots. Water frequently in dry weather.

Location. A partially shaded location with 5 to 6 hours' sunshine is ideal. If planted in full sun provide a cool root-run by a good summer mulch of some loose material such as peat, straw, rotted manure, etc.

Fertilizing. Well-rotted manure is preferred with any well-balanced plant-food as a good second. Work it well into the soil without disturbing the roots. Use a little lime occasionally.

Trellis. Provide a support at once—a trellis, wire netting, old stumps, low shrubs, or stone walls.

Winter Mulch. With fall planting of Clematis use a mulch of straw, leaves, or peat moss for the first winter to prevent the soil from freezing and thawing, which sometimes damages the stems if they are unprotected. Mice and rabbits may be kept from eating the tops by hilling the soil up around the stems or by putting small screens around them. A winter mulch is cheap protection any time.

Pruning. For the first two years little pruning is necessary for most of the Clematis hybrids. When the vines begin to attain size they will need to be pruned in early spring by removing old and dead wood. Summer and fall-blooming kinds should be pruned in early March. Those that flower in spring need to be pruned even earlier. Take out only the dead wood because these hybrids bloom on old wood (the previous year's growth). Each spring the summer-flowering kinds may be cut back to 3 to 4 feet from the ground.

JACKMANI HYBRIDS

These large-flowered climbing forms produce their bloom in summer and early autumn successionally on new and summer growth. The plants reach a height of 10 to 15 feet and are noted for their profuse bloom.

Jackmani. Perhaps the most familiar of all the Clematis hybrids. Violet-purple blooms. June, Oct. Each \$1.00.

Jackmani rubra. The well-shaped flowers are unusually rich red. June, Oct. Each \$1.50.

Mme. Baron-Veillard. The latest to flower of these hybrids. Warm lavender in color. Each \$1.25.

Mme. Edouard Andre. Bright velvety red in color. June, Oct. Each \$1.25.

VITICELLA HYBRIDS

The plants produce their flowers on summer shoots and can be pruned vigorously in early spring.

Ascotiensis. Azure-blue. July, Oct. Each \$1.25.

Huldine. A translucent white variety with mauve-pink markings. R.H.S. Award of Merit, England. July, Oct. Each \$1.50.

CLEMATIS SPECIES

For the most part, the species and varieties listed here are small-flowered types producing their flowers in summer and autumn, usually on summer shoots, hence they can be pruned vigorously in early spring.

Paniculata. It is hardly necessary to more than mention this small white star-shaped flowering form which is known everywhere. 15 to 18 ft. Sept., Oct. Each 85c.

LANUGINOSA HYBRIDS

Often spoken of as the Woolly-leaved Clematis. The original form came to us from China almost a hundred years ago. These climbing forms produce large flowers in summer and autumn, usually on short lateral summer shoots. The flowers are well dispersed on the plants, which reach a height of 10 to 12 feet.

Crimson King. Large bright red flowers. June, Oct. Each \$1.50.

Henryi. A familiar variety with unusually large white flowers. June, Oct. Each \$1.25.

Lawsoniana. An unusually large, bright blue flower. Always a colorful favorite. June, Oct. Each \$1.25.

Prins Hendrik. Orchid-blue with ruffled petals. The blooms are rich in texture. June, Sept. Each \$1.50.

Ramona. Large lavender-blue flowers. June, Oct. Each \$1.00.

Climbing Plants

AMPELOPSIS quinquefolia. Virginia Creeper. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, each 75c.; 3 for \$2.00; doz. \$7.00.

A. Veitchi. Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves deep green which turn to a coppery red in autumn. Strong plants, each \$1.00; 3 for \$2.75; doz. \$10.00.

BIGNONIA, Yellow Trumpet. (New.)

This new color, makes a bright, attractive, growing vine. Yellow flowers are much admired. Free flowering. July, August. Strong plants, each. \$2.50

BIGNONIA radicans grandiflora. Trumpet Vine. A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. July, Aug. Strong plants, each \$1.00.

CELASTRUS scandens. Bittersweet; Wax-wort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits, with red markings. Extra-strong plants, each 50c.; doz. \$5.00.

IVY, ENGLISH (Hedera Helix). Plants from 2½-in. pots, doz. \$3.50; 100, \$25.00. Plants from 4 to 5-in. pots, 30 in. high, each \$1.00; doz. \$10.00.

Lonicera - Honeysuckle

Japonica Halliana. Hall's Honeysuckle. Flowers pure white, turning to yellow. Hardy evergreen. Blooms from June until frost. Each 60c.; doz. \$6.00.

Tatarica. Tatarian Honeysuckle. Large, rose-pink flowers in abundance, followed by attractive berries. A most adaptable shrub. 3 ft. Each \$1.25.

POLYGONUM Auberti. Chinese Fleece-vine. Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall. Extra-strong plants, each \$1.00; 3 for \$2.75.

WISTERIA, Purple. Somewhat fragrant blooms. Extra-strong plants, each \$1.25.

W., Attractive Pink. Extra-strong plants, each \$1.25.

ALL PRICES SUBJECT TO MARKET CHANGES



Set crown 2 inches below ground level



Firm soil well around roots



Fall planting—hill up soil

Michell's Select Fruits

PEACHES

Peach varieties are generally self fruitful, but J. H. Hale produces impotent pollen. For that reason it is desirable to interplant with varieties bearing potent pollen.

Belle of Georgia. White, red cheek; flesh white, of good flavor. Freestone. Sept.

Champion. A large, handsome early white variety with red cheek; sweet, juicy. Aug.

Elberta. The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.

Golden Jubilee. Resembles Elberta. Skin yellow with red flesh; flesh golden yellow, juicy and sweet. Freestone. Early Aug.

Hale-Haven. Ripens two weeks before Elberta. Withstands cold temperatures; very hardy. A perfect freestone of extremely high color, yellow fleshed, large in size, good shipping qualities. Heavy bearer.

J. H. Hale. Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Ripens about Sept. 10.

Salberta. Late. Large yellow freestone. Ripens about 10 days to two weeks after Elberta. Is being planted commercially in many Peach-growing sections.

All Peach trees, 3 1/2 to 4 ft.,
each \$2.50; doz. \$27.50

Special quick-crop size: 6 to 8 ft.,
each \$4.50

CHERRIES

Sweet Cherries need cross pollinization; use two varieties. Sour Cherries are satisfactory when planted alone.

Black Tartarian. Sweet. Very large; black; rich and juicy.

Early Richmond. Sour. An early variety of medium size; dark red fruit. Early June.

Montmorency. Sour. Large, dark red fruit, about 10 days later than Richmond.

Napoleon (Royal Ann). The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

All Cherry trees, 4 to 5 ft., each \$3.00;
doz. \$33.50

Special Offer of fruiting size Cherry trees available fall, 1948. Please mark orders stock "E."

Lambert. Extra large, sweet, jet-black. Very popular, midseason.

Napoleon (Royal Ann). Large, pale yellow, bright red cheek; sweet, excellent flavor. Prolific bearer; midseason.

Windsor. Large, sweet, almost black; fine quality. Valuable late variety.

Yellow Spanish. Large, sweet, yellow with red tinge. One of the most beautiful and popular of the light-colored Cherries. Heavy bearer. Midseason.

STRONG TREES

1 1/4 to 1 1/2-in. cal. \$3.75 each
1 1/2 to 2 -in. cal. 5.00 each

CRAB APPLES

Hyslop Crab. Large, round, deep red fruit. The best variety for jelly. Sept.

Crab Apple trees, 5 to 6 ft., each
\$2.50; doz. \$27.50

Special quick-crop size: 6 to 7 ft.,
each \$4.50

Quintuplet Apple Trees

9 1/8-in. cal. and up.

The popular 5-N-1 Apple varieties on each tree: **Anoka, Red Jonathan, Red Delicious, Yellow Delicious and Transparent.** Each \$6.00.

PEARS

Most varieties of Pears are self unfruitful, or self incompatible, even though they bear excellent pollen. Duchesse d'Angouleme has proved to be a desirable pollinator for the other varieties that we offer. Bartlett and Seckel will not cross pollinate; use Duchesse d'Angouleme if either or both of the above two are being planted.

Summer Varieties

Bartlett. An old favorite. Juicy, well flavored and a good bearer. Aug.

Clapp's Favorite. A fine large yellow variety stained red; flesh fine-grained. Aug.

Fall Varieties

Anjou. Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.

Duchesse d'Angouleme. Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.

Kieffer. Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.

Seckel. A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.

All Pear trees, 5 to 6 ft., each \$3.00;
doz. \$33.50

APPLES

Apple varieties may be classified roughly as self fruitful, partially self fruitful, and self unfruitful. Delicious and Wealthy are two good self-pollinators. Include these varieties with others of your choice from the list below.

Delicious. A good late variety with rosy red fruit of good size. Truly delicious.

Grimes Golden. Late. Good size; yellow, and of fine flavor.

Jonathan. Winter. Fruit medium to large; brilliant red; flesh juicy, fine grained, tender and very highly flavored. Bears heavy crops every year, and comes into bearing early.

McIntosh. Winter. Medium size; nearly covered with bright red; flesh white, tender, juicy, sub-acid. Hardy, vigorous, healthy.

Rome Beauty. Late. Yellow shaded red; solid and juicy.

Stayman's Winesap. The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.

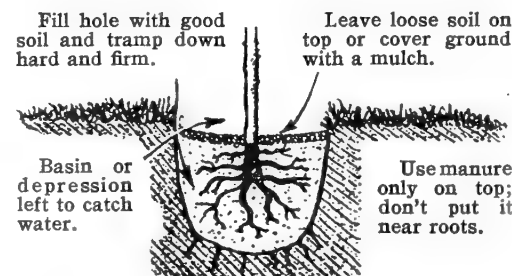
Wealthy. Late. Round, red, sweet. A good keeper.

Yellow Delicious. Winter. Tree comes into bearing early, producing heavy crops. Very thrifty, hardy, and a vigorous grower. A golden Apple which has won fame as an outstanding commercial variety.

Yellow Transparent. Early and desirable. Good color; juicy and semi-sweet.

Apple Trees 5 to 6 ft., each \$2.50;
doz. \$27.50

Quick-crop size: 6 to 7 ft., each \$4.50



In planting fruit trees, the hole must be large enough to allow the roots to lie in their natural position. Make sure to eliminate all air pockets.

PLUMS

The varieties Abundance and Burbank need cross pollinating; they will pollinate each other. Other varieties offered are self pollinating.

Abundance. A very productive, large variety of light cherry-red color. Aug.

Burbank. Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.

Diamond. Enormous, dark purple fruit with a beautiful bloom. Sept.

Green Gage. Large, greenish, sweet fruit of good flavor. An excellent variety. Sept.

Shropshire Damson. Late. Medium-sized fruit, produced in thick clusters. A strong grower and very productive of dark purple-colored Plums. The popular old-fashioned Damson variety.

All Plum trees, 5 to 6 ft., each \$3.00;
doz. \$33.50

Howard Miracle Plum. The most sensational novelty of a decade. The introduction of this grand new Plum marks an epoch in the advance of fine fruits for the table. The tantalizing and delicious flavor, the great size, firm amber flesh and miniature seed, combined with the red and yellow maple-leaf color, place the Miracle Plum far ahead of all other Plums on the market. Some say the taste is like pineapple; others compare it to Plum and Nectarine combined. Invariable, after tasting this Miracle Plum, comes the exclamation: "This fruit is truly a miracle. Certainly no other Plum could be so luscious. Why, this fruit is simply out of this world." 4 to 6 ft., each \$2.50, 3 for \$6.75; 10 for \$20.00.

DWARF FRUIT TREES

Grafted on selected Malling stock No. 9. The ultimate size of these trees is 5 to 8 feet—ideal for home gardens. These trees are 3 years old, well branched.

G Good pollinator for other sorts

S Summer ripening

F Fall ripening

W Winter ripening

*Please mark orders stock "L"

All varieties, each \$7.00; 3 for \$19.50;
doz. \$72.00

DWARF APPLE TREES

Baldwin. *W.

Cortland. GF

Cox Orange. W

Delicious. *SW

Golden Delicious. GW.

Grimes Golden. *GF.

Stayman's Winesap. W.

Wealthy. GF.

DWARF PEARS

Bartlett. GS.

Clapp's Favorite. S.

Kieffer. F.

DWARF QUINCE

Orange (Apple). F.

Champion. F.

DWARF SWEET CHERRY

Black Tartarian. *GS.

Yellow Spanish. S.

Napoleon. S.

DWARF SOUR CHERRY

Early Richmond. *S.

Montmorency. *S.

Fruits for the Home Grounds

ELBERTA PEACH.

3½ to 4 ft.,
each \$2.50;
doz. \$27.50

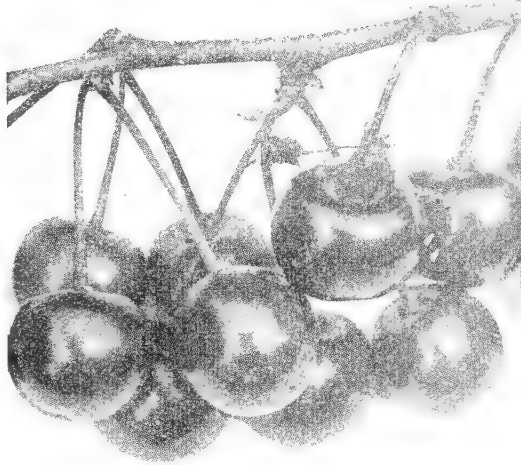
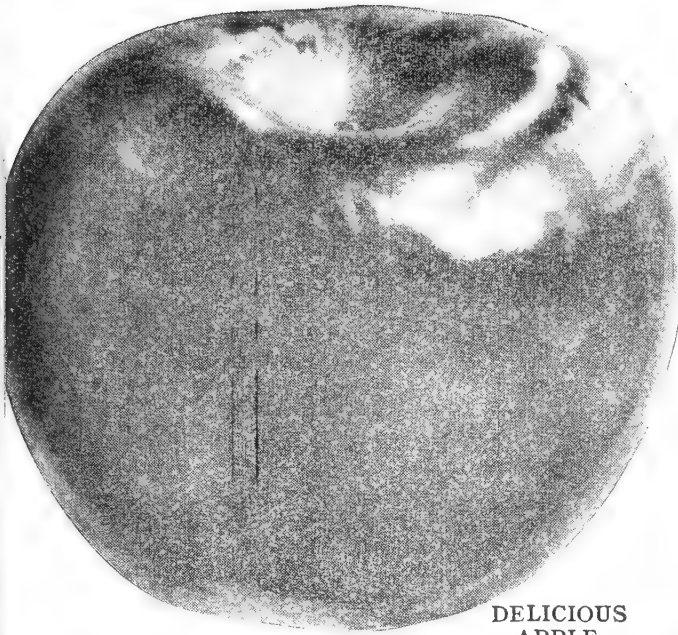


BURBANK PLUMS. 5 to 6 ft.,
each \$3.00; doz. \$33.50

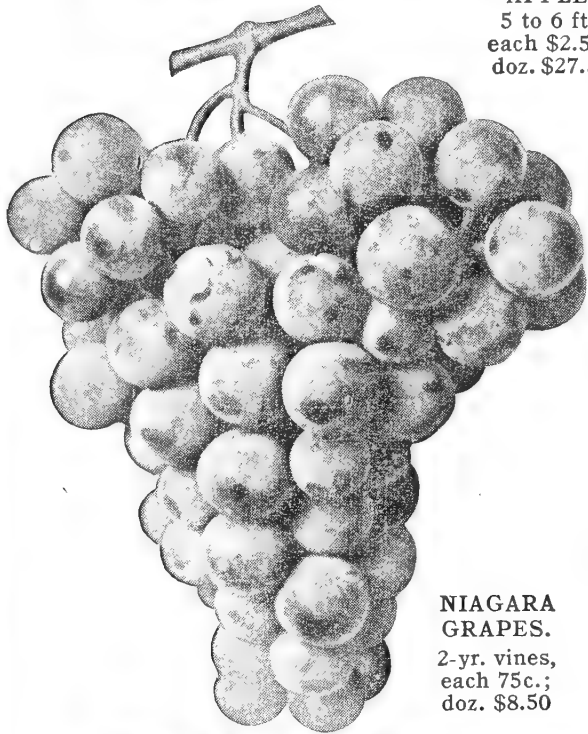


DELICIOUS APPLE.

5 to 6 ft.,
each \$2.50;
doz. \$27.50

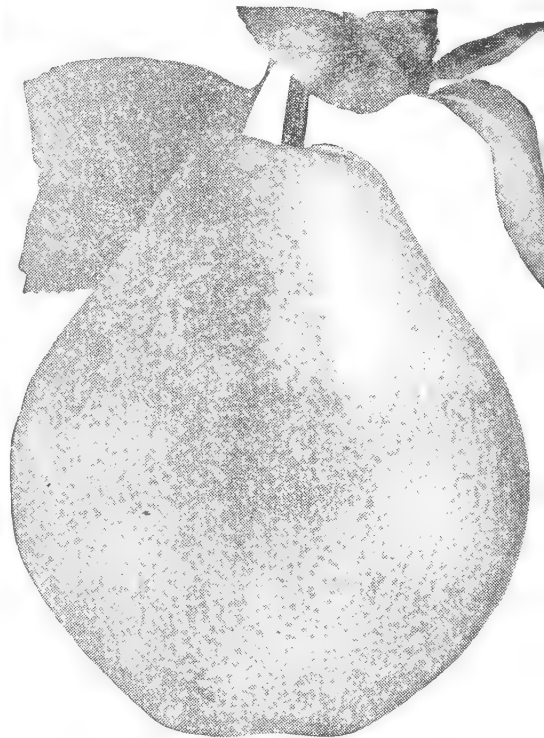


EARLY RICHMOND CHERRIES. 4 to 5 ft.,
each \$3.00; doz. \$33.50



NIAGARA GRAPES.

2-yr. vines,
each 75c.;
doz. \$8.50



KIEFFER PEAR. 5 to 6 ft., each \$3.00;
doz. \$33.50

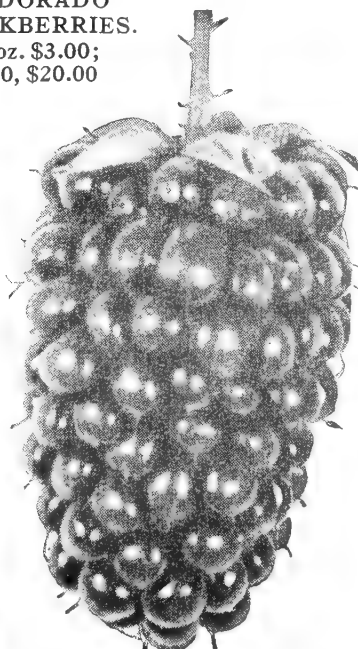


ELDORADO BLACKBERRIES.

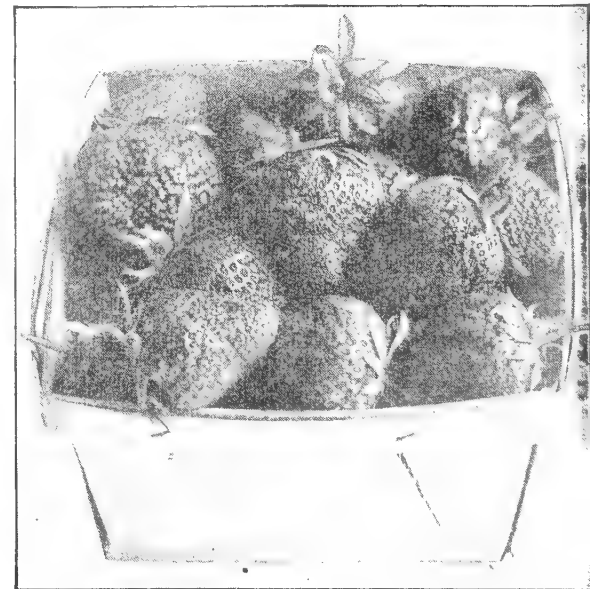
Doz. \$3.00;
100, \$20.00



BLUEBERRIES. 12 to 15 in., doz., \$16.00;
100, \$100.00



THE NEW BOYSENBERRY.
5 for \$1.50; 24 for \$5.50



BIG JOE STRAWBERRIES. Layer plants,
25, \$1.50; 50, \$2.50; 100, \$4.00



LATHAM RASPBERRIES. 5 for \$1.50; doz. \$3.00;
25 for \$4.50

Michell's Small Fruits

GRAPE VINES

How to Plant Grapes

Dig the hole as broad and deep as if a 3-year Apple tree were to be planted. Fill the hole up to the right depth for planting with compost or rich soil. A few old bones in the bottom of the hole will make rich feeding for the vines later on. Trim the roots slightly and cut back the top to three or four strong buds. Use rich soil around roots. Always plant firmly. Leave a mulch of strawy manure over plant.

Caco. Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Rich in sugar, excellent in flavor. Vines very strong, vigorous growers, healthy and prolific. Each \$1.00; 3 for \$2.75.

Catawba. Red. Deliciously flavored, medium-sized berries.

Concord. Purple. The well-known standard variety that succeeds wherever Grapes will grow.

Delaware. Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious.

Fredonia. Large black berry with heavy bloom. Cluster about medium in size. Very early; good quality; new and very promising.

Moore's Early. This is really an early Concord and is the standard early blue Grape. The vines are vigorous, healthy, and productive, bearing fruit of delicious quality.

Niagara. Light greenish white. An unusually strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.

Portland. White. The earliest of all Grapes. Large bunch and berry; flesh sweet, juicy and of fine flavor. A valuable early Grape for the home garden. Each \$1.00; 3 for \$2.75.

All Grapes, 2-yr. vines, each 75c.; doz. \$8.50, except where noted

RASPBERRIES

Cumberland. Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.

Latham. The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.

Newburgh. Midseason. Vigorous grower, hardy, and very productive. Fruit very large, firm; does not crumble. Precedes Latham a few days in ripening. An excellent shipper and keeper.

Ranere Everbearing. Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.

All Raspberries, extra-strong plants, 5 for \$1.50; doz. \$3.00; 25 for \$4.50

BLUEBERRY

Plant in acid but well-drained soil; space the plants 5 feet apart. The parent plants in our nursery have been inspected and found to be free of Blueberry "stunt disease." We offer the following varieties:

Concord, Jersey, June, Rancocas, Rubel.	Doz.	100
12 to 15 in.....	\$16 00	\$100 00
15 to 18 in.....	18 00	115 00

FRUIT TREES, besides being ornamental, provide fine-quality tree-ripened fruit for your table.

STRAWBERRIES

STANDARD EARLY VARIETIES

Blakemore. Fruit is firm, light in color and unexcelled. Ranks high in productiveness.

Dorsett. Perfect. The berries are beautiful in appearance; their light color, bright green cap, large size, and attractive shape make them very desirable.

Fairfax. Perfect. The berries average very large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become darker and then very dark red.

Premier. Perfect. Enormously productive, commencing early and bearing through a long season. The flavor is delicious.

Starbright. Brighter red than Dorsett, with firm, luscious berries of delightful flavor. A favorite early variety.

MIDSEASON VARIETIES

Big Joe. Perfect. The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productiveness, large size of fruit, excellent flavor.

Catskill. Best midseason berry becoming more popular every year. Large berries, equaling Premier in flavor, carrying a bright green cap.

LATE-SEASON VARIETIES

Aroma. Late. One of the best late varieties. Fruit is large, bright glossy red, of excellent carrying quality.

Chesapeake. Perfect. The berries are handsome in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

Lupton Late. Its double, dark green cap sets the fruit off beautifully. Produces an abundance of large, bright, flame-colored berries.

STANDARD VARIETIES

Layer Plants. 25, \$1.50; 50, \$2.50; 100, \$4.00.

Potted Plants. 25, \$3.50; 50, \$6.50; 100, \$10.00.

EVERBEARING STRAWBERRIES

Gem Everbearing Giant. Even without its everbearing qualities, the Gem is a good berry, making a normal yield in the spring of firm, sweet, large, glossy, dark red berries. Repeats in the fall when berries are more or less a novelty and can be marketed at fancy prices or served on the home table.

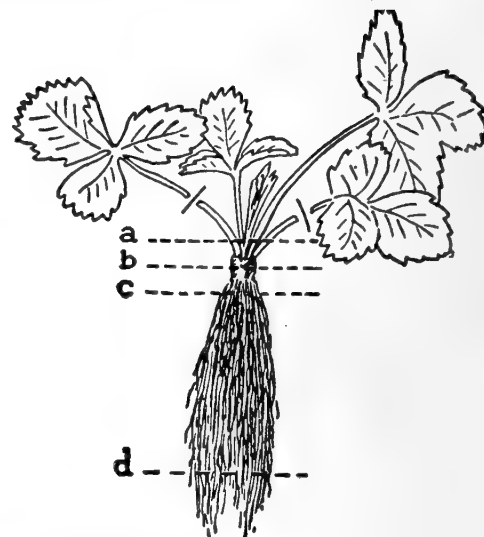
Mastodon. This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop.

Layer Plants, 25, \$2.50; 50, \$4.50; 100, \$8.00
Potted Plants, 25, \$4.00; 50, \$7.00; 100, \$12.00

« "BRUNES MARVEL" » »

We take pleasure in offering this wonderful Strawberry, which has passed the test for *quality* and *hardiness*. The fruit is almost free from acid and can be used for eating or canning with less sugar. Another distinct advantage is that the plants make exceptionally long roots, going down for moisture sometimes to 17 inches during dry summers. This is a real advantage. Pot-plants are now available.

25 plants, \$5.00; 50 plants, \$9.50;
 100 plants, \$18.00



A strawberry plant showing trimming and depth of planting.

a, Planted too deep; b, planted correct depth; c, planted too shallow; d, pruning of roots.

BLACKBERRIES

Alfred. For the home garden, Alfred is the ideal Blackberry. The bushes are loaded with tremendous berries, practically free from seeds, coreless and extremely juicy.

Eldorado. Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color well. Very sweet and without core.

All Blackberries, extra-strong plants, doz. \$3.00; 100, \$20.00

THE NEW BOYSENBERRY

The Finest Vine Berry Yet Developed

A new hybrid vine berry developed from the Blackberry, Loganberry, and Raspberry. The fruit, which is dark purple at first, becoming black when fully ripe, is of blackberry form with berries 1½ inches long, with occasional fruit an inch longer.

The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is so high that no sugar is needed with ripe berries. 5 for \$1.50; 25 for \$5.50.

NUTS

CHESTNUT

Several years ago, Chestnut blight destroyed our native Chestnuts. Since that time the U. S. Department of Agriculture has been searching for a blight-resistant strain. After many tests, it was found that a type of Chinese Chestnut was not only blight-resistant but an early bearer of large, good-quality nuts. For many years trees were being offered only for experimental purposes, but at last we have enough to offer through our catalogue. Chinese Blight-Resistant Chestnut, 2 yr. transplanted, each \$3.00; doz. \$30.00.

ENGLISH WALNUT

A familiar nut in the stores, but it is not generally known that the English Walnut can be grown to perfection in many eastern states. It could mean to the Middle Atlantic area what the pecan means to the deep South. Two trees on a farm in the Shenandoah Valley have for the past twenty years more than paid the taxes on the entire farm, besides supplying the family. English Walnut trees require no more space and care than apples and begin bearing just as early. 2 to 3 ft., each \$3.50; doz. \$36.00.

Herbs

ALLIUM Schoenoprasum. Chive. Very popular in salads. Cut fairly close to the ground, from one plant at a time. The new growth will be more tender than the preceding. The grass-like leaves finely chopped give a delicate onion flavor to soups and stuffings. Each 60c.; 3 for \$1.30; 10 for \$4.00.

ARTEMISIA. Wormwood or Southernwood. Aromatic and bitter herbs or small shrubs with alternate, mostly dissected leaves. Small numerous heads of white and yellow flowers. The following varieties are very desirable:

A. Dracunculus. Tarragon; Estragon. This plant loves a dry soil in a warm sunny situation. Height 2 feet. Tarragon vinegar is much used in fine cooking. Customers in a position to grow this plant in quantity can obtain special prices on application. Each 70c.; 3 for \$1.60; 10 for \$5.00.

A. frigida. Fringed Wormwood. Height 18 inches. Silvery foliage which can be dried for winter decoration. Each 60c.; 3 for \$1.30; 10 for \$4.00.

A. pontica. Roman Wormwood. A very useful plant in the knotted herb border or garden. The soft gray color of the finely cut foliage makes it desirable to frame the rose garden. Each 60c.; 3 for \$1.30; 10 for \$4.00.

ASPERULA odorata. Sweet Woodruff; Waldmeister. Used in making maibole. Spreading herbage; fragrant white flowers. Each 60c.; 3 for \$1.30; 10 for \$4.00.

HYSSOPUS officinalis. Hyssop. A hardy perennial herb grown for ornament in the flower border. Its blue flowers decorate the garden from June to frost. Height 1½ feet. Use the leaves sparingly in salads and broths. Thrives in any ordinary soil. Each 60c.; 3 for \$1.30; 10 for \$4.00.

LAVANDULA. Lavender. A most popular herb. Needs a warm, dry, sunny location; water occasionally in dry weather. Prune straggly plants into shape during April. Gather blossoms for drying or distilling when they become brown. Dry slowly in the shade and store in a dry place. Leaves of all species are fragrant. A lime-loving plant.

L. vera. The true Sweet Lavender, with delightfully fragrant blue flowers in July and August. Each 60c.; 3 for \$1.30; 10 for \$4.00.

L. vera rosea. Novelty. Similar in habit to *L. vera* but the blooms are a delicate silvery pink. Each 75c.; 3 for \$1.75.

L. vera, Twinkle Purple. Plants are compact and well formed. A delightful border or edging plant. Each 60c.; 3 for \$1.50; 10 for \$5.00.

LEMON VERBENA. See Lippia.

LIPPIA citriodora (*Aloysia citriodora*). Lemon Verbena; Herb Louisa. Requires a warm sunny location. Shrubby habit, producing leaves in whorls of three or four, with odor of lemon. In northern states, take it indoors for the winter. Use the leaves in finger bowls. Combined with peppermint it makes a refreshing tea. Each 70c.; 3 for \$1.60; 10 for \$5.00.

ADD HERBS TO YOUR GARDEN

The old-time Herb Gardens are again popular. Herbs can also be planted in mixed borders for their foliage effects and delightful fragrance. They are a valuable addition in cooking, imparting a delectable flavor, and some varieties are used for garnishing.

MARRUBIUM vulgare. Horehound. A hardy medicinal herb that does best in a poor dry soil. The leaves and young shoots are used as a popular remedy for coughs, and horehound candy is made from the fresh leaves. The soft gray foliage is very ornamental. Keep plants free from weeds, and cut back to the ground in the fall. Each 60c.; 3 for \$1.30; 10 for \$4.00.

MELISSA officinalis. Lemon Balm. One of the sweet-scented herbs, 2 feet in height. Broad-toothed leaves and white or pale yellow flowers in clusters. Leaves are used in seasoning, in liquors and as a medicine. Each 60c.; 3 for \$1.30; 10 for \$4.00.

MENTHA. Mint. Our collection of Mints will be found to contain all the desirable varieties. They thrive in sunny or partially shaded locations. Plant a border near the kitchen.

M. citrata. Bergamot or Orange Mint. A fragrant herb with a scent of orange combined with Mint. Used in drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

M. crispa. Curly Mint. Attractive curly and twisted leaves used in all kinds of Mint flavoring. The variety most used in the South for flavoring drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

M. piperita. Peppermint. Leaves and tender tops may be infused in cooling drinks. In demand for use as a tea either by itself or combined with lemon verbena. Each 60c.; 3 for \$1.30; 10 for \$4.00.

M. pulegium. Pennyroyal. A prostrate form of Mint, very attractive when in flower. Used for seasoning and as a tea to cause perspiration. Each 60c.; 3 for \$1.30; 10 for \$4.00.

M. rotundifolia. Apple Mint. The flavor is more delicate than spearmint; makes a fine tea. The leaves are round and hairy, unlike other Mints. Each 60c.; 3 for \$1.30; 10 for \$4.00.

M. rotundifolia variegata. Pineapple Mint. Has a light attractive edging on the leaves; the young growth has a delicious pineapple odor. Excellent for drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

M. spicata. Spearmint; Lambs Mint; Julep Mint. The popular Mint with light green leaves. No herb garden is complete without it. Each 60c.; 3 for \$1.30; 10 for \$4.00.

MONARDA didyma. Beebalm; Oswego Tea. The fragrant seeds scent a pot-pourri. Scarlet flowers; height 2 to 3 feet. Very effective in mass planting. Each 50c.; 3 for \$1.30; 10 for \$4.00.

NEPETA Mussini. Catnip. Blue flowers freely produced. Useful for edging borders; makes an invigorating tea. Each 50c.; 3 for \$1.30; 10 for \$4.00.

N., Six Hills Giant. Taller than Mussini, with lighter blue flowers. The Nepetas are good to hold a bank where grass is difficult to grow. Each 60c.; 3 for \$1.60; 10 for \$5.00.

ORIGANUM Onites. Pot Marjoram. The hardy Marjoram used for seasoning. Flowers are picked for pot-pourri and mature flower heads are used to flavor cooking. Each 60c.; 3 for \$1.30; 10 for \$4.00.

ROSMARINUS officinalis. Rosemary. A very fragrant herb, first introduced in 1548 and still a general favorite. Likes a sunny location and ordinary soil. Each 75c.; 3 for \$1.60; 10 for \$5.00.

RUTA graveolens. Rue; Herb of Grace. Fine blue-gray leaves. Very hardy; can be sheared for a formal hedge or grown as individual specimens. An old-time medicinal herb, used in small quantities for salads. Each 60c.; 3 for \$1.30; 10 for \$4.00.

SALVIA officinalis. Sage. The dried leaves are used to season meats, dressings, cheese. Each 60c.; 3 for \$1.30; 10 for \$4.00.

SANGUISORBA canadensis. Burnet. The young leaves are useful in salads to give a cucumber flavor. The fern-like foliage is very decorative. Can be used with good effect when massed on a bank or slope in place of grass. Each 60c.; 3 for \$1.30; 10 for \$4.00.

SANTOLINA Chamaecyparissus (*S. incana*). Lavender-Cotton. A useful plant for knot gardens; can be sheared. Gray foliage; 12 to 15 inches tall. Each 60c.; 3 for \$1.30; 10 for \$4.00.

S. viridis. The plant is useful in the knot garden, a pleasing green in contrast to the gray of the above variety. Good as an individual specimen. Each 60c.; 3 for \$1.30; 10 for \$4.00.

SATUREIA montana. Winter Savory. Quite hardy; more pungent than Summer Savory, the annual variety. A useful plant for edging the herb border or for use in a knot garden. Used as a seasoning. Grows in poor stony soil. Each 60c.; 3 for \$1.30; 10 for \$4.00.

THYMUS citriodorus. Lemon Thyme. Delicious lemon scent. May be used as a flavoring for drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

T. Serpyllum albus. The delicate fine leaf and neat spreading habit makes this variety ideal for crevices among the stones of a rock-garden or in the crazy-stone pathway. Each 60c.; 3 for \$1.30; 10 for \$4.00.

T. Serpyllum coccineus. The red counterpart of the white variety described above. Each 60c.; 3 for \$1.30; 10 for \$4.00.

T. vulgaris. Common Thyme. A favorite kitchen herb widely used as a flavoring for many kinds of dishes. Gather the shoots when blooms appear and dry for winter use. Each 60c.; 3 for \$1.30; 10 for \$4.00.

WINTER SAVORY. See *Satureia montana*.

WORMWOODS. See *Artemisia*.

MICHELL'S "IDEAL" COLLECTION OF CULINARY HERBS

Chives (*Allium Schœnoprasum*)
 Spearmint (*Mentha spicata*)
 Pot Marjoram (*Origanum Onites*)
 Thyme (*Thymus vulgaris*)
 Sage (*Salvia officinalis*)
 Winter Savory (*Satureia montana*)

3 plants each of the 6 varieties, \$5.50
 6 plants each of the 6 varieties, \$9.50

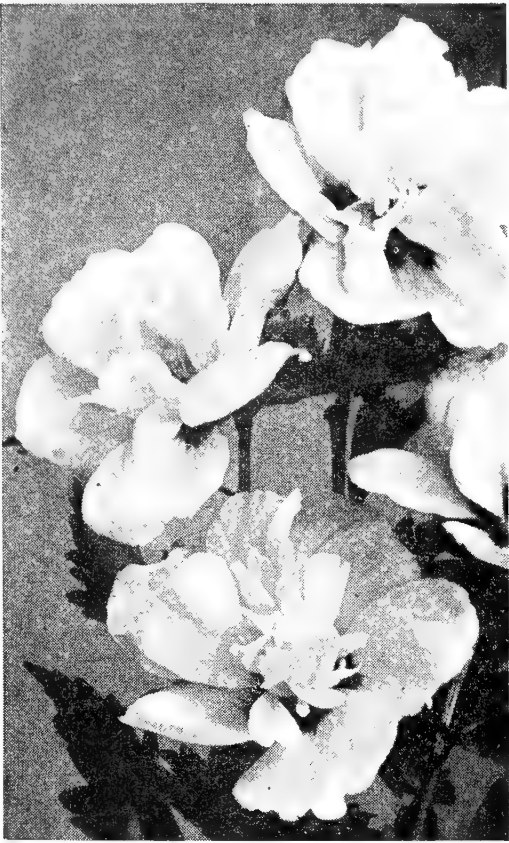
MICHELL'S "IDEAL" COLLECTION OF MINTS

Apple Mint (*Mentha rotundifolia*)
 Pineapple Mint (*Mentha rotundifolia variegata*)
 Orange Mint (*Mentha citrata*)
 Curly Mint (*Mentha crispa*)
 Spearmint (*Mentha spicata*)
 Peppermint (*Mentha piperita*)

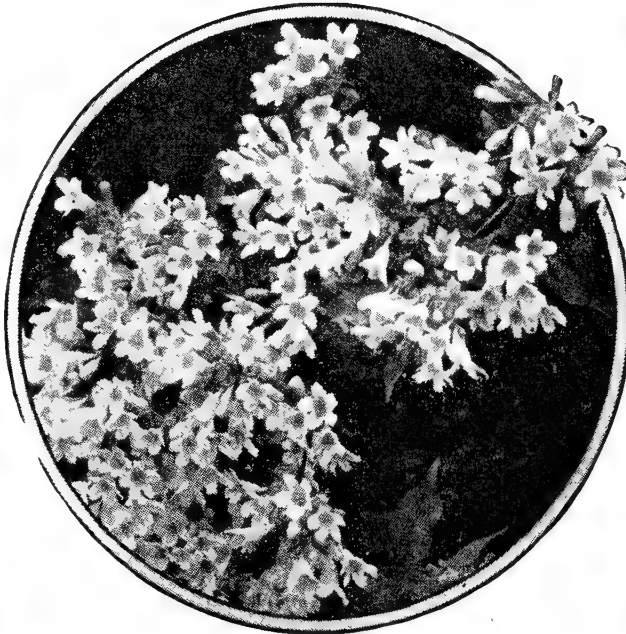
3 plants each of the 6 varieties, \$5.50
 6 plants each of the 6 varieties, \$9.50

ALL PRICES SUBJECT TO MARKET CHANGES

Flowering Shrubs



ALTHÆA (ROSE OF SHARON)
2 to 3-ft. plants, each \$1.00



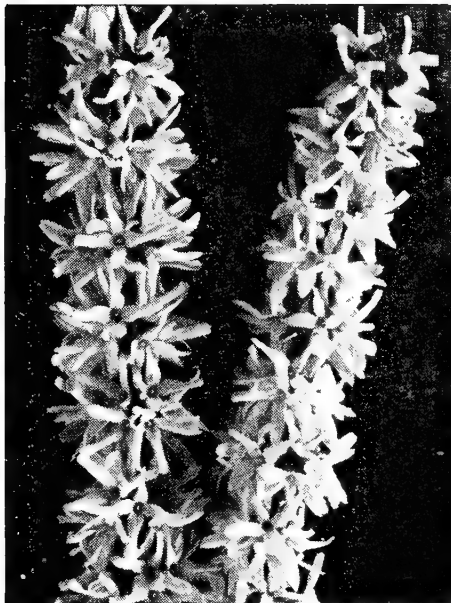
KOLKWITZIA amabilis (BEAUTY-BUSH)
2 to 3-ft. plants, each \$1.75



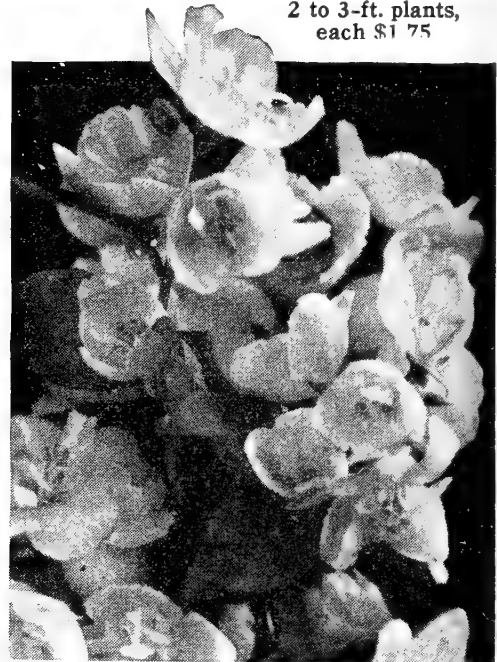
VIBURNUM (SNOWBALL)
2 to 3-ft. plants, each \$1.75



TAMARIX africana. Each \$2.00



FORSYTHIA intermedia spectabilis
Each \$1.50



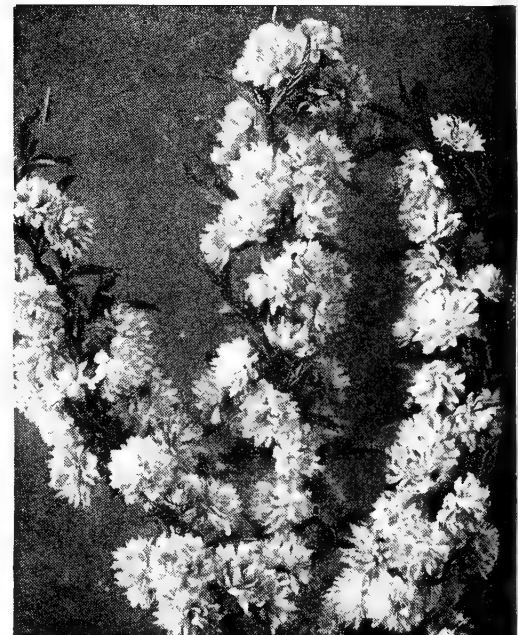
PHILADELPHUS coronarius
MOCK-ORANGE. Each \$1.50



WEIGELA rosea
2 to 3-ft. plants, each \$1.50



SPIRÆA VANHOUTTEI
Each \$1.50



PRUNUS (FLOWERING ALMOND)
2 to 3-ft. plants, each \$2.00

Flowering Shrubs



Hydrangea, Otaksa

ALTHÆA (Hibiscus). Rose of Sharon. These thrive almost anywhere, producing bloom from July till September. 2 to 3-ft. plants, each \$1.00; 3 to 4-ft., \$1.25; 4 to 5-ft., \$1.75.

BEAUTY BUSH. See Kolkwitzia.

BRIDAL WREATH. See *Spiræa prunifolia*.

CALYCANTHUS floridus. Sweet Shrub. Chocolate-colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 2 to 3-ft. plants, each \$1.50.

CERCIS canadensis. Judas Tree or Red-bud. A medium-sized tree with large, irregular head and perfect heart-shaped leaves. The profusion of delicate reddish pink blossoms with which it is covered in early spring before the foliage appears makes it one of the finest ornamental trees. 3 to 4 ft., each \$1.50.

CORALBERRY. See *Symphoricarpos vulgaris*.

CYDONIA japonica. This shrub is a beautiful sight in early spring when covered with cherry-red flowers about the size of an apple-blossom. Especially desirable as a specimen shrub for the lawn. Extra-strong 2 to 3-ft. plants, each \$1.50.

DEUTZIA, Pride of Rochester. Perhaps the best known and most popular of all the Deutzias. It makes a tall, wide-spreading bush, covered with a cloud of large, double, fringed pink and white flowers in June. 2 to 3 ft., each \$1.50.

D. gracilis. Heavily laden with snow-white flowers in May. 15 to 18-in., each \$1.00.

FLOWERING ALMOND. See *Prunus*.

FORSYTHIA intermedia spectabilis. Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all. Each \$1.50.

F. suspensa. Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful specimens or in masses. Each \$1.75.

F. suspensa Fortunei. Golden Bells. Yellow. Each \$1.50.

F. viridissima. Green-stem Forsythia. Each \$1.50.

HYDRANGEA arborescens grandiflora. Hills-of-Snow. Attains a height of 4 to 5 feet. Bears beautiful large heads of snow-white flowers in July and August. Should be pruned severely in spring. Will do well in shade. Each \$1.50.

H., Otaksa. Adapted for seaside planting. If soil is acid, the color will be a good blue, but if alkaline the color invariably comes pink. Protect in severe weather in much the same way as roses are protected. 2 yrs. old, each \$2.00.

H. paniculata grandiflora. Peegee Hydrangea. A widely planted shrub with huge conical heads of flowers that turn pink as they age. Prune severely in the spring for largest flowers. Grows to 5 or 6 feet. Each \$1.25.

KOLKWITZIA amabilis. Beauty-Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong 2 to 3-ft. plants, each \$1.75.

PHILADELPHUS coronarius. A vigorous grower, adapted to either full sunlight or partial shade. Each \$1.50.

P. virginialis. Virgin Mock-Orange. Large, semi-double white flowers in great profusion and very fragrant. 7 to 8 ft. 2 to 3-ft. plants, each \$1.50.

PRUNUS glandulosa. Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. Strong 2 to 3-ft. plants, each \$2.00.

REDBUD. See *Cercis*.

ROSE OF SHARON. See *Althæa*.

SNOWBALL. See *Viburnum*.

SNOWBERRY. See *Symphoricarpos racemosus*.

SPIRÆA, Anthony Waterer. The well-known rosy pink Spirea. Each \$1.25.

S. prunifolia. Bridal Wreath. Dense shrub bearing a profusion of white flowers. 2 to 3-ft. plants, each \$1.25.

S. Vanhouttei. Easy to grow in any location. Pure white. Each \$1.50.

SWEET SHRUB. See *Calycanthus*.

SYMPHORICARPOS racemosus. Snowberry. Rose-pink flowers in summer; branches full of white berries in the fall. 2 to 3 ft. Each \$1.25.

S. vulgaris. Coralberry. Greenish red flowers and clusters of dark purplish red berries. 2 to 3 ft. Each \$1.25.

SYRINGA vulgaris. Lilac. We advise planting in the fall.

TAMARIX africana. A woody plant grown chiefly for its showy panicles of pinkish white flowers and also for the fine graceful foliage. Each \$2.00.

T., Summer Glow. Bright wine-red flower sprays and light green foliage. Each \$2.50.

VIBURNUM tomentosum plicatum. Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine 2 to 3-ft. plants, each \$1.75.

VITEX macrophylla. Chaste Tree. Lilac-colored flowers in August and September. 2 to 3 ft., each \$1.25.

WEIGELA, Eva Rathke. Of erect form and vigorous habit. Deep carmine-red flowers. 18 to 24-in. plants, each \$1.50.

W. rosea. Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 2 to 3-ft. plants, each \$1.50.

Hedge Plants

Berberis Thunbergi

BARBERRY

A good hardy plant of low, dense growth. It is a brilliant light green from early spring to winter. In autumn the foliage is bright crimson.

15 to 18-in. plants.....	Doz.	\$7 50
18 to 24-in. plants.....	Doz.	8 50

New Red-leaved Barberry

The foliage of this new variety is of a rich, lustrous, bronzy red. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Strong 15 to 18-in. plants, doz.	\$8.50
18 to 24-in. plants, doz.	10.00

California Privet

This most popular of all hedge plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15 till the ground freezes, and from March 15 to May 15.

	Doz.	50	100
1½ to 2 ft.....	\$2 50	\$9 50	\$16 00
2½ to 3 ft.....	3 50	13 00	24 00
3 to 4 ft.....	5 00	18 00	35 00

(Special quotations on 1000 lots.)

Privet plants are best shipped by Express

Edging Plants

Ideal for edging flower borders and herb gardens

Boxwood, Dwarf English. 6 to 8 in. 5-yr. transplanted, 10 for \$5.00; 100 for \$45.00.

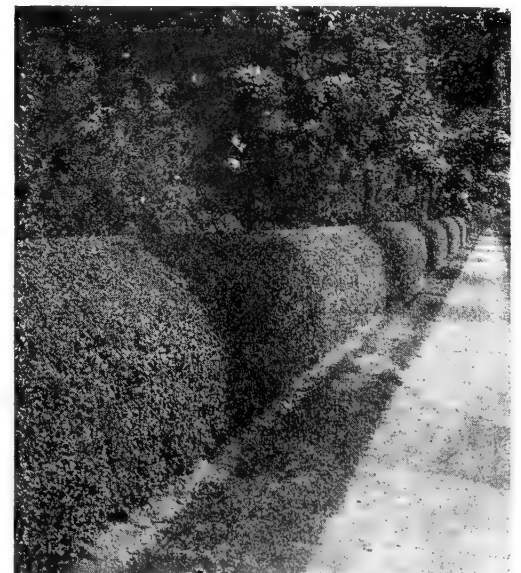
Santolina incana. 10 for \$4.00; 100 for \$35.00.

Teucrium. Germander. 10 for \$4.00; 100 for \$35.00.

Thymus argenteus. Silver Thyme. 10 for \$4.00; 100 for \$35.00.

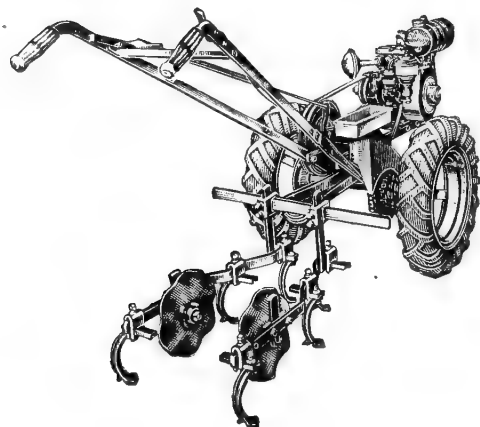
Thymus citriodorus. Lemon Thyme, Green. 10 for \$4.00; 100 for \$35.00.

Thymus citriodorus. Lemon Thyme. Golden edge. 10 for \$4.00; 100 for \$35.00.



California Privet Hedge

Michell's Farm and Garden Tools



Planet Jr. Garden Tractors

The Planet Jr. BP1 Garden Tractor has a $1\frac{1}{2}$ horsepower motor, is light in weight and easily handled. It comes complete with a cultivator as illustrated, but additional attachments for other practical operations are available for use with it.

The amount of work which it will do makes it ideal for the small farmer or home gardener. For the commercial grower it is valuable accessory equipment for such operations as seeding, cultivating, and mowing. Additional equipment available. Price, \$190.50.



Gardena tractor

The ideal tractor for every job on a small farm. Double V-belt drive; $1\frac{1}{2}$ to 2 horsepower. With 500 x 12 pneumatic rubber tires. Price, \$237.50.

7-in. plow with rolling coulter.....	\$20 00
Disc harrow (eight 12-in. discs—two gangs).....	35 00
Spike-tooth harrow (12 teeth).....	27 50
Cultivator (6 teeth and 2 gauge wheels).....	34 00
48-in. snow plow.....	45 00

No. 12 Planet Jr. Double and Single Wheel Hoe, Cultivator and Plow

Price, \$15.70.

Same as No. 11 but less the $4\frac{1}{2}$ -in. hoes and the rakes.

No. 4 Planet Jr. Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, \$25.40



The No. 4 sows practically all vegetable seeds in drills, or drops in hills 4, 6, 8, 12, or 24 inches apart. In one operation it opens the furrow, drops seeds at the right depth, covers them, and marks the next row. By changing a single bolt it can be converted into a sturdy single wheel hoe, cultivator, or plow. Makes an ideal outfit for a medium-sized garden.

No. 4D Seeder Only

Price, \$20.30

No. 11 Planet Jr. Double and Single Wheel Hoe, Cultivator, Plow and Rake

Price, Complete
\$19.95



Equipment is complete, including one pair 6-in. and one pair $4\frac{1}{2}$ -in. hoes for weeding and shallow cultivation; four cultivator teeth for deeper and general cultivation; one pair plows for plowing, covering and ridging; two 3-tooth and two 5-tooth rakes for fine close cultivation.

No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Price, \$30.80



"The Complete Gardener." As a seeder it is just like the No. 4 illustrated above, and can be converted into a double or a single Wheel Hoe. It will cultivate both sides of a row until the plants are 20 inches high. Equipment includes all the tools necessary in any garden and is fine for the family garden, onion grower, or large farmer.

ALL PRICES SUBJECT TO MARKET CHANGES

No. 13 Double Wheel Hoe

Like No. 12, except that it is equipped with one pair side hoes only. Price, \$12.00.

High Wheel Cultivator

20 in., all steel, complete with plow, 5 teeth and furrower. Price, \$5.65.

No. 17 Planet Jr. Single Wheel Hoe

This is the same as No. 16, but without the rakes. Price, \$10.85.

No. 17½ Single Wheel Hoe

Same as No. 17, except that there is no plow. Price, \$9.65.

No. 18 Single Wheel Hoe

Like No. 17, except that it is equipped with one pair side hoes only. Price, \$8.40.

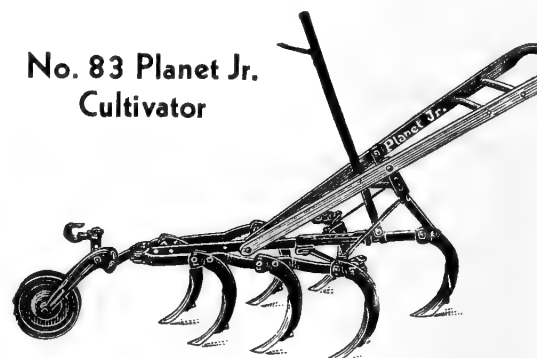
No. 300 or 300A Planet Jr. Seeder

Price, \$27.50



This is rapidly becoming the most popular Seeder. It is a plate Seeder having three seeder plates, each with 13 holes, giving ample adjustment quickly and easily for any size seed. Hopper removable. Easy running, dependable, and accurate.

No. 83 Planet Jr. Cultivator



Many gardeners like the 7-tooth Cultivator because it prepares the soil better than does the 5-tooth machine. Price, complete with steel wheel, \$18.15.

No. 83D. Price without wheel, \$16.00.

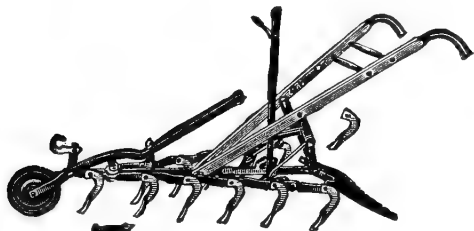
Planet Jr. Horse Cultivator Teeth

All 8 in. long.

		Each
No. 4064.	1 x 8.....	\$0 23
No. 1156.	$1\frac{1}{4}$ x 8.....	24
No. 2367.	$1\frac{1}{8}$ x 8.....	25
No. 2368.	$2\frac{3}{4}$ x 8.....	30
No. 2369.	3 x 8.....	36
No. 2370.	4 x 8.....	45

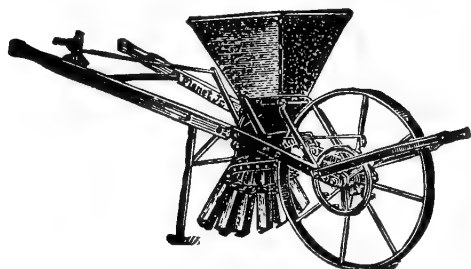
MICHELL'S FARM AND GARDEN TOOLS

Planet Jr. 12-Tooth Harrow Cultivator and Pulverizer



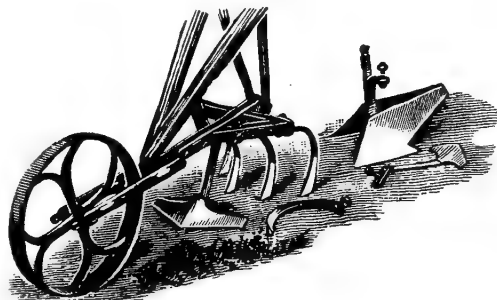
With the 12-tooth Harrow, you go as deep or shallow as you like, and come up close to the row without injuring plants. You widen and narrow as you please, between 12 and 32 inches.

No. 90. Complete with lever, steel wheel, and pulverizer.....\$22 40
No. 90B. Without pulverizer..... 18 75
No. 90D. Without pulverizer and wheel..... 14 85



Planet Jr. Fertilizer Distributor No. 220

This will distribute in the middle of three rows up to 14 inches apart or will side-dress one side each of two rows up to 36 inches. Special gates are furnished to permit distribution through only the two middle spouts or two or three spouts on either right- or left-hand side. Quantity of fertilizer can be accurately regulated from 200 to 2000 pounds per acre. Price, \$38.00.



Gem Single Wheel Hoe

This is suited for almost any work in a garden. It weeds, hoes, hills, and harrows. Price, \$10.00.



No. 16 Planet Jr. Single Wheel Hoe, Cultivator Rake and Plow

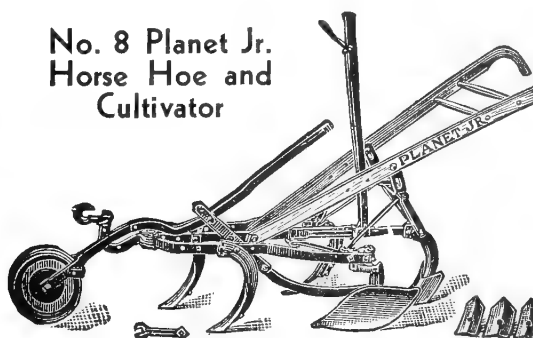
Price, \$12.40

Light, easily handled, and does good work. All steel except the handles; practically indestructible. Handles are adjustable for any height. Includes all equipment usually required in a garden. Fifteen-inch steel wheel; steel frame.

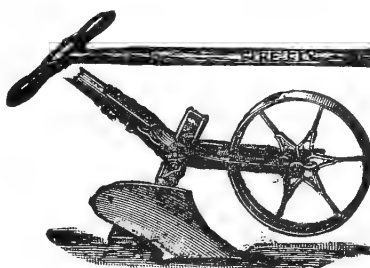
Parts of Planet Jr. Wheel Hoes

Disc Hoes 3350-51X. Pair.....	\$4 60
4½-in. Hoes S100-S101. Pair.....	1 45
6 -in. Hoes S100-S101. Pair.....	1 60
7½-in. Hoes S100-S101. Pair.....	1 80
9 -in. Hoes S100-S101. Pair.....	2 00
Peat Land Hoes. Pair.....	2 15
3-prong Cultivator Teeth, S42. Pair...	1 80
Cultivator Teeth Regular, No. 1395, all steel. Each.....	45
Narrow Cultivator Teeth, No. 2775, all steel. Each.....	45
Rakes, 3-tooth, S24. Pair.....	1 20
Rakes, 5-tooth, S25. Pair.....	1 80
Plows for Double Wheel Hoes, M5. Pair.....	1 70
Plows for Single Wheel Hoes, R6. Each.	1 40
Double Mouldboard Plows, 4678X. Each.....	2 00
Handles. Pair.....	2 50

No. 8 Planet Jr. Horse Hoe and Cultivator



The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect 5-tooth cultivator. Price, \$21.15.



Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken-raisers for plowing up scratching-yards. Price, \$6.00.

Pull Easy Cultivator

The teeth are adjustable to various widths; splendid for going between rows of young growing crops. Can be shipped by express or freight only. **No. P.E.5.** Price, \$1.75.

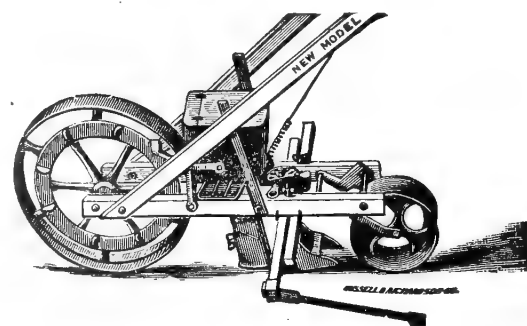


Invincible Cultivators

This will be found a useful tool for weeding, loosening the soil, preparing seed-beds, etc. Price, with long handle, 3-prong, \$1.25; 5-prong, \$1.50.

Speedy Cultivator

Four sharp tines. 4 ½-ft. spring pattern. Handles. **No. SL5.** \$1.70.

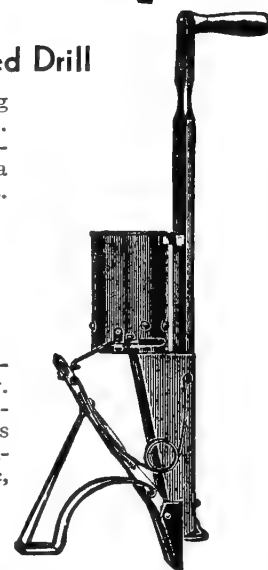


New Model Seed Drill

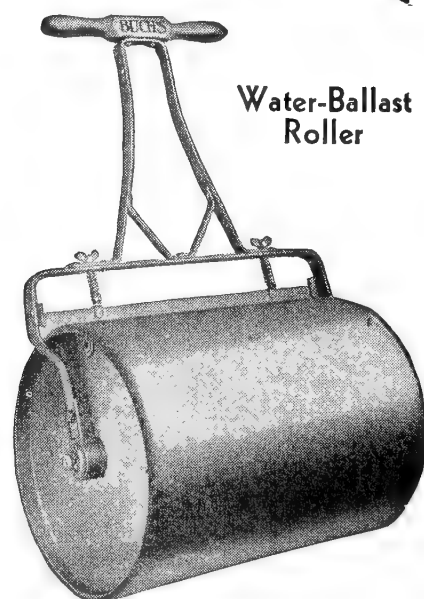
The depth of sowing can be easily regulated. A typical market gardener's drill, having a large capacity for seeds. Price, \$13.50.

American Hand Corn-Planter

A great seed economizer and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, \$4.00.



Water-Ballast Roller



- No. 601.** Length, 24 in.; diam., 14 in.; Weight empty, 70 lbs.; filled, 175 lbs. Price, \$15.00.
- No. 602.** Length, 24 in.; diam., 18 in.; Weight empty, 85 lbs.; filled, 265 lbs. Price, \$20.00.
- No. 603.** Length, 24 in.; diam., 24 in.; Weight empty, 100 lbs.; filled, 420 lbs. Price, \$25.00.
- No. 604.** Length, 24 in.; diam., 32 in.; Weight empty, 130 lbs.; filled, 566 lbs. Price, \$28.00.

Send for a copy of the
PLANET JR. CATALOG

ALL PRICES SUBJECT TO MARKET CHANGES

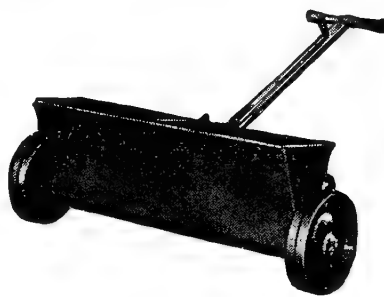
Every good gardener needs a sturdy Wheelbarrow

MICHELL'S FARM AND GARDEN TOOLS, ETC.



Midget Spike-Tooth Roller

For the small or medium-sized lawn. Steel tray can be weighted with stone or bag of sand. Roller 13 in. wide. Spikes 1½ in. long. Price, \$11.00.



Michell's Fertilizer Spreader

This Spreader was developed for the purpose of applying fertilizers on flower beds and vegetable gardens before the seeds are sown; also, to sow grass seeds, top dress lawns, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

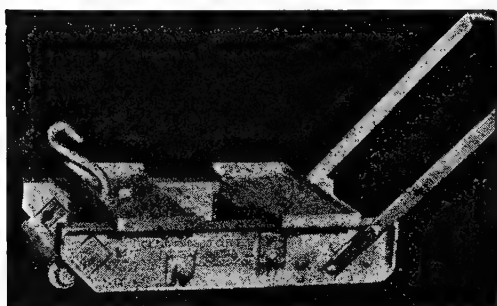
No. 15.	14-in.....	\$5 25
No. 115.	16-in.....	8 50
No. 215.	24-in.....	18 50
No. 315.	36-in.....	24 50



Wheelbarrow Grass Seeder

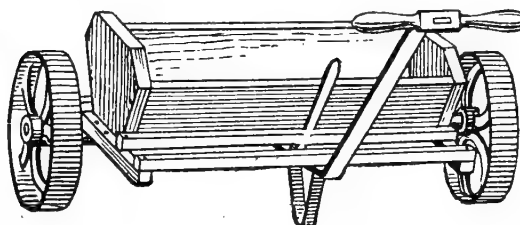
A practical machine for use on the farm and also for sowing parks and golf grounds. Quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

No. 106.	Sows a width of 10 ft. Developed especially for seeding golf courses, parks and country estates.	\$57 00
No. 5.	Sows a width of 14 ft.	52 00



Champion Sod Cutter

The best and most satisfactory machine on the market. This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, \$95.00. Extra knives for above, \$19.50. Disc Knives, \$4.00.



Stevens Fertilizer Distributor

For distributing bonemeal, wood ashes, and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting-greens. Insures perfect and even distribution.

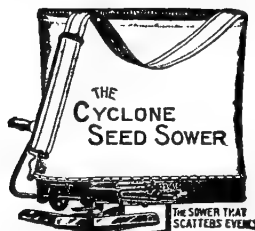
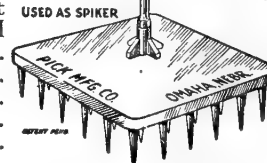
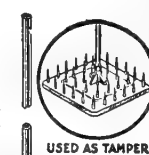
Hand Machine. Holds about 2 bushels; covering area, 3 feet wide. Price, \$37.00.

Horse Machine. For use on large lawns, fields, and golf grounds. Furnished equipped for either one or two horses, as may be desired.

5 ft. 10-in. spreading area.....	\$75 00
8 ft. 3-in. spreading area.....	80 00



A combined perforator and tamper made of malleable iron. By loosening one nut it can be converted from spiker to tamper. Plates 9 in. square. Spikes 1¾ in. long. Length overall, 4 ft. Weight, 13 lbs. Price, \$6.00 each.



Broadcast Seed Sower

For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

Cyclone.....	\$4 50
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Keystone Leaf Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$13.75.

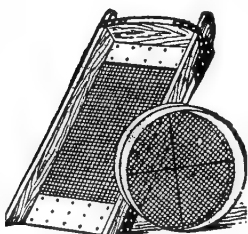


Handi-Cart

The last word in convenience for the homeowner—the successor to the wheelbarrow. Eliminates hard work and backache from shoveling or stooping to load up. Operation is as simple as using a dust-pan. Built extra strong to stand overloading and abuse, and will give years of satisfactory service.

No. 1.	2-cu. ft. capacity.....	\$7 25
No. 2.	3-cu. ft. capacity.....	9 50

Either Cart with 1¾-in. puncture-proof balloon tires, \$2.20 extra.



Large Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Price, \$25.00.

Sieves

Any size mesh. Made extra well.

Galvanized wire, 18-in.

1/8 in.....	\$2 75
1/4 in.....	2 75
1/2 in.....	2 75
3/4 in.....	2 75

Wheelbarrows

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

Michell's Wheelbarrows.

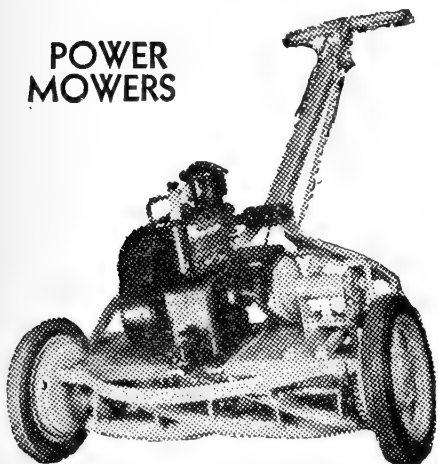
	Tire In.	Length In.	Depth In.	Width In.	
Wood Wheels					
No. 1.....	2¾	30	12	25	\$23 00
No. 2.....	2¾	28	12	24	20 00
No. 3.....	2¾	26	12	22	18 00
No. 1.	With rubber tire				\$30 00
No. 2.	With rubber tire				28 00
No. 3.	With rubber tire				27 00

ALL PRICES SUBJECT TO MARKET CHANGES

We have the newest and best Power Mower

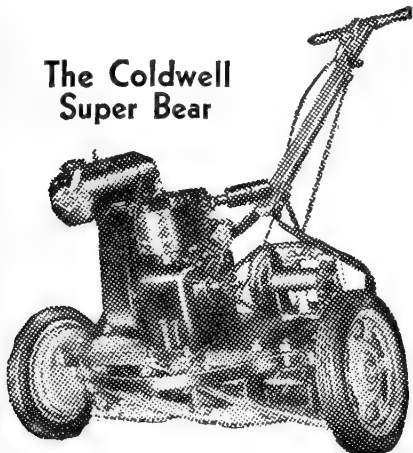
MICHELL'S LAWN AND POWER MOWERS

POWER MOWERS



The Coldwell Bear
Makes Mowing Easy

Here's the machine that has everything you want in a power mower. It's built ruggedly . . . yet it's simple to maneuver. It is powered by a quick-starting, easy-operating engine that develops 8/10 to 1 horsepower, enabling you to cut up to 3 acres per day. Operates smoothly on grades and around trees and shrubs, giving you an even cut without "scalping." Width of cut is 21 inches, and cutting height is quickly adjustable between 9/16 and 1/4 inches. See the Coldwell Bear soon . . . it will give you years of grass cutting freedom. Price, \$170.00.



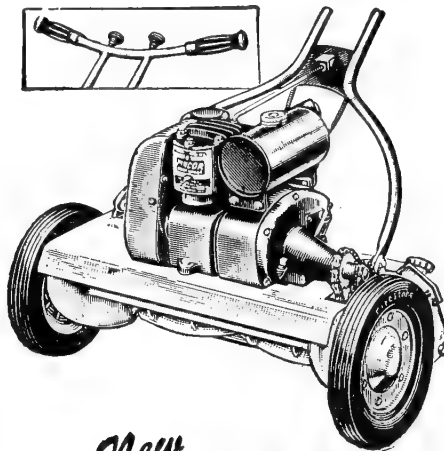
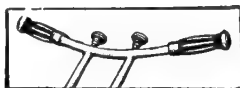
The Coldwell Super Bear

There's no mower like the Super Bear for either smooth or rough terrain. Its powerful 1 3/4 horsepower engine starts quickly and runs smoothly. Its five alloy steel blades do a real grass-cutting job, even on steep slopes and close to buildings, trees and shrubs. Operation is simplicity itself . . . you can mow 2 to 4 acres per day with the Super Bear. Cutting blades are 21 inches wide and cutting height is adjustable between 9/16 and 1 1/4 inches. Price, \$190.00.

The Coldwell Heavy Duty

A large, heavy-duty single-cylinder power mower designed for smooth and rapid operation, low maintenance costs and ease of handling. Perfect for use on estates, cemeteries, golf courses, etc. Without gang units, this mower has a 30-inch cutting width and cuts from 5 to 7 acres a day. With two 21-inch gang unit attachments, cutting width increases to 66 inches and mower then cuts 12 to 14 acres per day. Develops 6.1 horsepower. Riding sulky can be supplied if desired. Price, \$540.00.

Two gang units \$127 00
Sulky and attachments 56 50



The New Pincor POWER MOWER

Precision Built for Homes, Estates and Commercial Users. 20-in. cut.

The instant you see the compact, sturdy Pincor Power Mower you'll discover it's new from the ground up. You'll see built-in features that increase operating performance and save you time. You'll step behind a trim, smooth-cutting, extra powerful Mower, so easy to handle that any member of the family can use it. It's the Mower for the homeowner proud of his home and for the commercial operator demanding carefree service and dependability. Price, \$153.50.

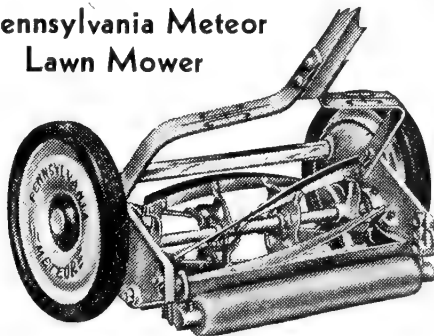
The National Sickle Bar Mower



Cuts weeds and grass whether long or short, on practically all classes of ground—hilly or stony—around trees and shrubbery—on levels or in the rough. Engine drives, both cutting and traction, you only steer. 38 in. or 40 in. \$180 00

HAND LAWN MOWERS

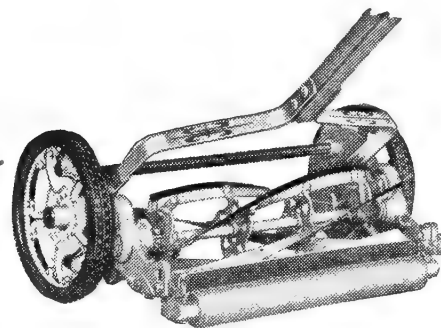
Pennsylvania Meteor Lawn Mower



Built of aluminum by Penna. Lawn Mower Co. Weighs only 36 pounds. Quiet and fast. Pushes easily. Equipped with good-quality rubber tires. 10-in. wheels, 5 crucible steel blades.

16-in. cut \$30 00
19-in. cut 31 90

Great American High-Wheel Ball-Bearing Lawn Mowers



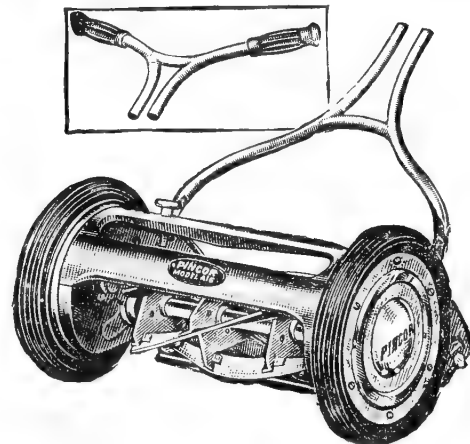
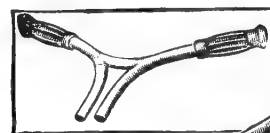
This is the best all-round Mower of its type made; one of the greatest sellers of all time. It has 5 extra-wide crucible tool steel blades, oil hardened and tempered; lower blade with raised edge. Braun self-aligning ball-bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of from 1/2 to 1 1/2 inches. High wheel, 10 inches in diameter. Rubber tires.

17-in. cut \$27 50
19-in. cut 30 00

Pennsylvania Jr. Ball-Bearing Mower

17-in. cut \$34 95

The New Pincor HAND MOWER



Pincor Model A-16

A Mower of improved design. Rugged welded steel frame; 16-inch sturdy removable cutting assembly; life lubricated New Departure bearings. Hand-adjusted cutting height from 1/2 inch to 2 1/2 inches. Built-in sharpener. Sectional wood rollers, 10 1/2-inch rubber tires; adjustable handle for convenient storage or operating position. Finished in baked yellow enamel with especially finished handle, wheels and reel assembly. Price, \$29.95

Grease for Power Mowers
Tube 75c.

A Lawn Trimmer will save you time and work

MICHELL'S LAWN MOWERS, TRIMMERS, ETC.

COLDWELL HAND MOWERS

The Pacemaker 48

High quality mower constructed from finest materials. Five-bladed cutting reel, ball-bearing mounted. Tubular steel handle. Cutting height adjustable $\frac{1}{8}$ to $1\frac{1}{8}$ in. Equipped with semi-pneumatic rubber tires. 16-in. cut.....\$28 65
18-in. cut..... 29 95

The Mohawk 48

A popular priced mower, now better than ever. Long wearing, easy running gears are protected from dirt by steel gear cover. Tubular steel handle, rubber grips, five-bladed reel of hardened alloy steel blades. Adjustable cutting height. Equipped with rubber tires.

16-in. cut.....\$19 75
18-in. cut..... 20 95

The Imperial Special

Designed for professional use, and one of the best mowers made today. Five blades of alloy steel, double ground turning on ball bearings, cast iron wheels. Cutting height adjustable from $\frac{1}{2}$ to $1\frac{1}{4}$ in. Steel handle can be adjusted for easy mowing. Equipped with rubber tires.

18-in. cut.....\$35 95

Sunbeam Hand Mower

Equipped with rubber tires.

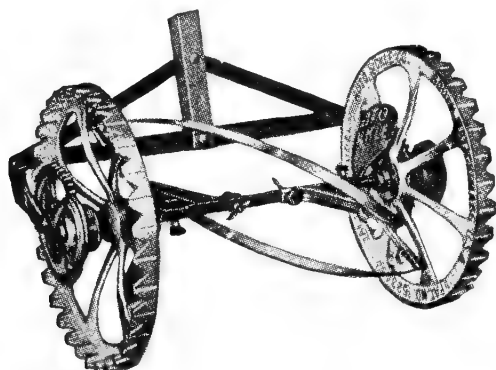
14 in.....\$25 50
16 in..... 26 50
18 in..... 27 50

Clemson Precision Lawn Mower

Self locking, cutting-height adjustment. Easy-rolling, light weight, rubber tires and many new features.

18-in. cut.....\$29 95

The Allcut Lawn Mower



A light machine to do much of the work done laboriously by scythe and sickle.

16-in.....\$27 50
24-in..... 34 50

Lawn-Mower Oil

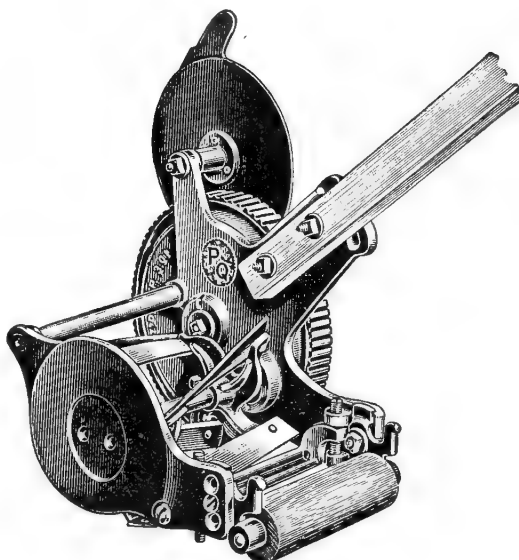
Pure Oil that will not gum or get sticky is an essential for the satisfactory operation of every Mower. The Oil sold by us has been selected with this point in view. Pt. 30c.; qt. 50c.; gal. \$1.50.

Capitol Lawn Trimmer

Comes equipped with aluminum wheel and aluminum pinion. It has a steel disc which can be adjusted in a few seconds to convert it into a first-class Edging device, while for trimming the lawn borders and walks, as well as against buildings, fences, etc., will prove to be a very satisfactory tool. Cuts a swath 6 inches wide. Price, \$18.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Pennsylvania Combined Trimmer and Edger



This machine, consisting of the Ball-bearing Trimmer, equipped with a steel disc and a small plow, will trim the overhanging grass along the edges of paths and flower-beds, relieving the gardener of work with hand shears or a grass hook. Cutting width, 6 in. Price, \$19.95.

Grass Catchers

Easy Emptying. Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides.

No. G10. For Mowers 12 to 16-in....\$2 40

No. G12. For Mowers 17 to 22-in.... 2 75

POWER MOWER GRASS CATCHERS

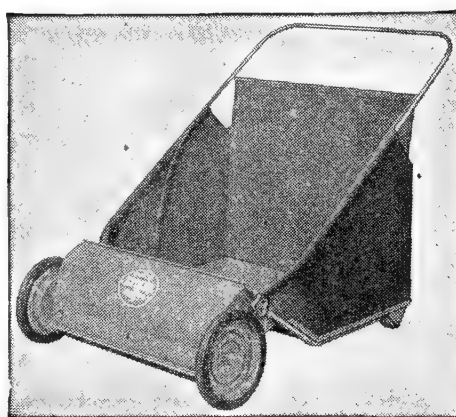
17 inches high, 17 inches deep.

For Mowers 17 to 20 inches.....\$3 50

18 inches high, 20 $\frac{1}{2}$ inches deep.

For Mowers 21 to 25 inches..... 4 25

Springfield Lawn Sweeper

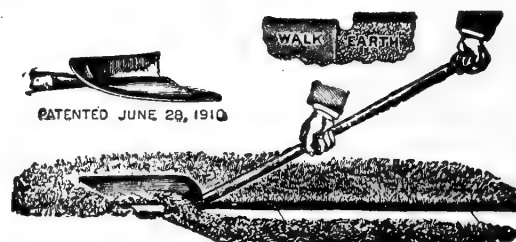


27-in., with semi-pneumatic tires.....\$44 00



Lawn Edger

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Can be used successfully on straight or curved cement paths. Price, \$2.10.



No. 136 Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cuttings on the sidewalk, leaving the whole surroundings neat and attractive. Price, \$2.00.

Turf Edger With Curved Step

Shank pattern. 4-ft. straight handle.
No. TE. Price, \$1.50.

Edging Knives

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk, or a drive edged with sod like an Edging Knife. On straight work it is well to use a garden line so as to make a first-class job.

No. 040. American. With handle. Price, \$1.50.

Lawn-Mower Sharpener

Price, 75c. Extra files, 30c.
Oil Can. 85c.



American

Turf or Sod-Lifters

This tool is indispensable for cutting and handling sod. The long shank permits uniform thickness, which is impossible to obtain with a spade.

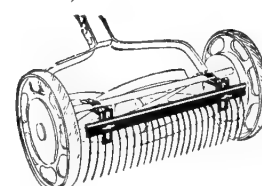
American. Steel blade, with an 18-in. steel shank and wood D handle. Price, \$3.50.

Ideal Dandelion Extractor

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman, or child can use it. 50c. each.

Crab-Grass Eliminators

Adjustable to fit all mowers. Lifts the seed spikes from the surface ready to be cut in the normal operation of the mower. 14-in. size....\$2 00



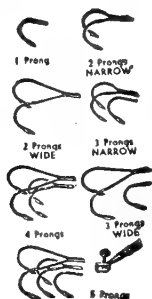
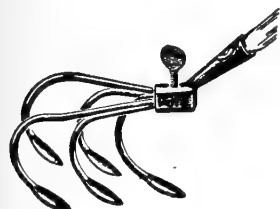
MICHELL'S FARM AND GARDEN TOOLS, ETC.

GARDEX TOOLS

These modern tools enable the farmer and gardener to do their work in a much easier and more efficient manner. They eliminate the hard work, stooping, bending, and back-breaking, chopping motions. Tools are not lifted out of the soil, but stay in the ground as you go along thus saving you a lot of energy. They have been successful not only in the garden, but also on the farm, in vineyards, and in forests.

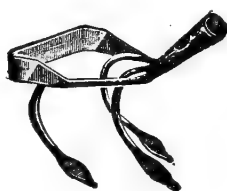
No. 751. Gardex Dibble. Made of steel, hollow, light as a feather, with a pistol grip which does not tire your hand when planting. Painted red. Half polished. Size over-all 11 $\frac{3}{4}$ in. Price, 85c.

No. 750. Gardex Hollow Planter. Lifts out the earth through its conical tube. This tool is especially suited for hard soil; with its pistol grip it is pushed into the soil, given a quarter turn and then lifted out. The soil is not packed but taken up by the hollow tube automatically through the opening at the top as the next hole is dug. Thus the walls of the hole are not packed which gives the young plants an easy bed for a quick start. Painted red. Diameter of hole, 1 $\frac{1}{2}$ in. Price, 85c.



Seven Tools in One—Gardex New Interchangeable Cultivator. Only four parts. The wing screw holds all prongs tightly in place, yet permits quick changing to a Cultivator with 1, 2, 3, 4 prongs, thus one can cultivate in rows of various widths or straddle the rows. The one-prong tool can be used in small corners or very narrow rows, because the prong-holder is no wider than the prong itself. Price, \$1.65.

No. 1523. Gardex Cultivator with Weeder. Cultivate and weed with one tool. The 3-prong Cultivator loosens the soil thoroughly while the weeding-blade cuts off weeds quickly. One tool for two purposes. Painted red. 3 prongs 4 $\frac{1}{2}$ in. wide. Weeding-Blade 4 in. Price, \$1.25.



Gardex Tools

Made of finest grade, high carbon steel.

Pull Hoe

Weeds as it cultivates.
No. 1004. 4 in. wide; 4 $\frac{1}{2}$ -ft. handle. Price, \$1.20.

No. 1005 $\frac{1}{2}$. 5 $\frac{1}{2}$ in wide; 5-ft. handle. Price, \$1.25.



Small Cultivator

The ideal tool for flower and rock-gardens.
No. 1503. 4-ft. handle. Price, \$1.10.

Hand Plow

Excellent for hill-ing corn, potatoes, or any plants.

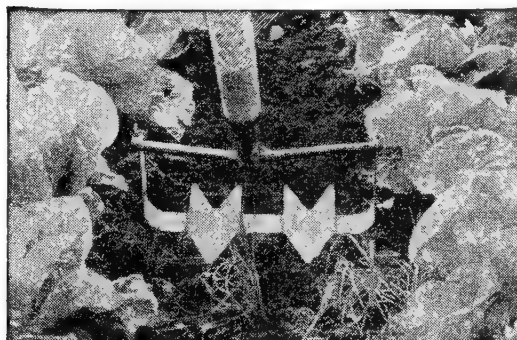
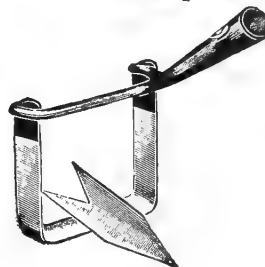
No. 2006. 6 in. wide; 5-ft. handle. Price, \$2.00.



Garden Pull Hoe Weeder No. 110

Weeds efficiently even in hard, dry, heavy soil. Accomplishes five to six times as much weeding as is possible with the old-style chopping hoe. Does a thorough job in your garden or in the field, in any type of crop.

With 1 Gardex Share. Width 5 in. Price, \$1.50.



With 2 Gardex Shares. Width 8 $\frac{1}{2}$ in. Price, \$2.10.



Sudbury Soil-Test Kit

Professional Size. Model A. Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$22.50.

Horticultural Size. Model B. For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$12.50.

Club Model, C. This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome, sturdy, imitation leather. Price, \$4.75.

Home Gardeners Size. Model D. A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.50.



Bamboo Lawn Rakes

18-in. \$1 75
24-in. 2 25
30-in. 2 75

Tennis Court Rake

An exceptional Rake, 24 inches wide, with 36 teeth, braced on shoulders. This Rake is for special work on tennis courts, new work on golf greens, lawns, and for general purposes where a fine Rake is required. Price, \$4.25.

No. 251.

Curved Tooth Rake.

Equipped with Gardex handle socket which does not allow the handle to wobble.

It is a well-balanced Rake which will rest easily in the hand without tiring the arm. An all-steel Rake of good quality. Painted green. 14 teeth. 5-ft. length. Price, \$1.00.



Wooden Rakes

Ames, No. 37X. 28-tooth; steel bows .. \$2 00

Steel Bow Rakes

Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

No. B14. 14-tooth..... \$1 75

No. B16. 16-tooth..... 2 00

Fuller Lawn Broom

Well made of good material. Has 28 flexible spring steel teeth $\frac{3}{4}$ in. apart. Price, \$2.50.



Pelican Pick-up Rake

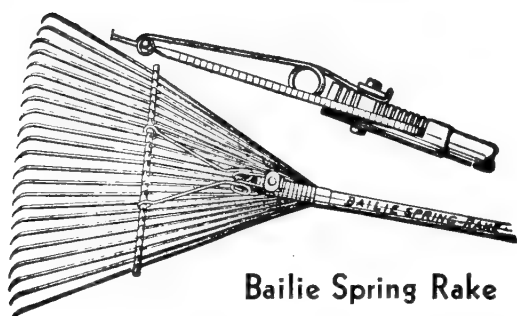
Make a clean sweep on your lawn

No Bending-No Stooping-No Dirty Work

Here's a new yard Broom Rake that sweeps the lawn clean. It picks up the piles of leaves or grass and with effortless fun, drops them into the take-away containers. Light weight, lasts indefinitely. Price, \$2.25.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S FARM AND GARDEN TOOLS, ETC.



Bailie Spring Rake

Ideal for lawn or driveway. Made from spring wire.
18-tooth.....\$2 00
24-tooth..... 2 50



SC 14-Tooth Rake

One of the best garden Rakes. Price, \$1.50.
16-tooth. Price, \$1.75.



Lawn and Dandelion Rake

No. LDR. Curved saw-tooth head; 26 teeth; width of head, 15½ in.; 5-ft. handle; steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting off blossoms before seeds mature. Price, \$1.60.

Floral Rake

Eight curved teeth, 2½ in. long. 4-ft. straight handle.
No. FR. Price, \$1.00.

Manure Fork



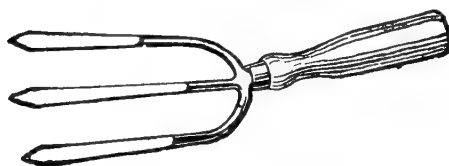
The above Fork is the most widely used style of all Manure Forks. When the manure is coarse or mixed with straw and cornstalks, this is the pattern to use because it has the wide spacing between the tines. Price, \$1.95.

Manure Forks

Each

No. A-54½. 5-tine. Long handle....\$2 50
No. A-4-D. 4-tine. Light, D handle 2 20
No. A-44½. 4-tine. Long handle.... 2 30
No. HOM4. 4-tine. Heavy, D handle 3 00

ALL PRICES SUBJECT TO MARKET CHANGES



Brades English Digging Fork

No. 642. 3-prong. Made of Birmingham steel; fine for loosening soil in the garden. 12 in. long. \$1.50.

Spading Forks



Strapped shanks; short or D wood handle. Made of best-quality steel.

No. SAHD. Men's. 4-tine. Heavy...\$2 25
No. SALD. Men's. 4-tine. Light.... 2 00

Hay Fork
Tapertite ferrules.
Flex-beam

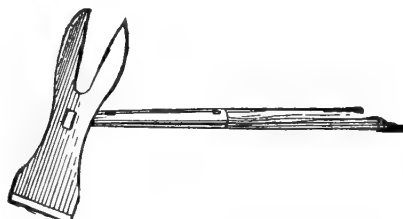


No. AB36. 3-tine; 6-ft. handle..... 2 50



Garden Hoes

No. SG6½. 6½-in.; solid shank.....\$1 50



Two-Prong Onion Hoe

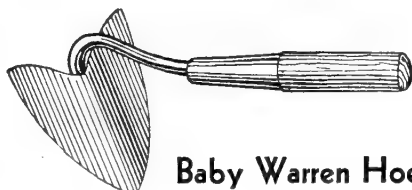
Will be found very valuable in weeding narrow rows. **No. 2PWF.** Price, \$1.25.



Warren Hoes

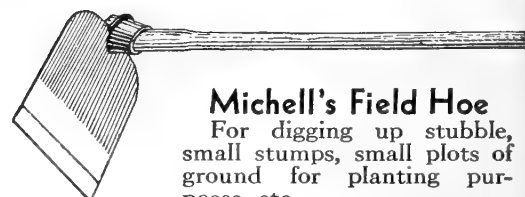
Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering.

No. W7S. 7-in.....\$1 55



Baby Warren Hoe

No. BW4½. Short handle. Price, 90c.



Michell's Field Hoe

For digging up stubble, small stumps, small plots of ground for planting purposes, etc.

No. GE40. 5½-in. blade.....\$1 10
No. IGH7. 7-in. blade, extra heavy... 3 00

SBT7 Square-Top Hoe



These are the standard Hoes of the sugar beet industry, for which they were first designed. Price, \$1.50.



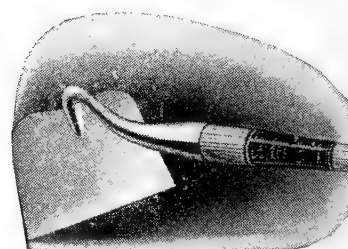
Mattock Hoes

Union quality. Blade and eye forged in one single piece. Blades black. Depth of head 12⅞ in. Round eyes. 4½-ft. handles.

Width of Blades Price
No. MH3......1⅝ and 3 in. \$2 00

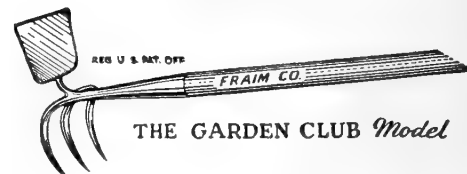
Floral Hoe

Full polished blade, 4-ft. spring pattern handles.
No. FH. Price, \$1.25.



No. 960½. Competitive Field and Garden Hoe with Gardex socket pattern, high carbon steel blade. One-third polished. 4½-ft. handle. Blade width 6½ in. Price, 75c.

Small Combination Hoe and Cultivator



THE GARDEN CLUB Model

For hoeing, weeding and cultivating. Handy and practical. Bright nickel-plated steel; varnished 48-inch handle. Price, \$3.50.



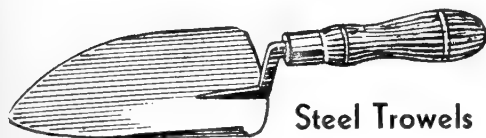
Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

No. BOH. 4-tine. Heavy.....\$2 00
No. BOL. 4-tine..... 1 75

You can hardly do without a good Trowel

MICHELL'S FARM AND GARDEN TOOLS, ETC.



Steel Trowels

No. 211. These are made of one-piece steel blade and shank, with wood hand-grip.
5-in. \$0 90
6-in. 1 25
7-in. 1 50

Brades English Steel Trowel

No. 645. Made with wood handle, this superior quality Trowel is just the tool required for planting. Overall length 12 in. \$2.00.



Cleves Angle Trowel

No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting. Each
5-in. \$0 30
6-in. 35
7-in. 40



Transplanting Trowel

No. 217A. Steel shank and blade. Price, \$1.00.

All-Steel Trowel

No. 215. Price, 35c.

Dibbles

For Planting Bulbs, etc.

Equipped with wooden handles.

No. 2180. Brass point. Price, \$2.00.

No. 218. Iron point. Price, \$1.25.

Cleveland Lawn Weeder

Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it without disturbing the surrounding soil. Price, \$1.35.



Magic Weeder

Magic Weeder No. H Style

Made of heavy, galvanized, flexible wire with flattened prongs or ends.

No. A. Short handle; small. \$0 20
No. B. Short handle; medium. 30
No. F. Long handle. 1 25
No. H. Long handle; large. 1 75

Excelsior Weeder

Made of malleable iron, finished in tin. Price, 25c.

Speedy Hand Weeder

No. SBE. Price, 75c.

Hazeltine Weeder

No. 200. Price, 60c.

Dock and Thistle Cutter



No. SSS. \$2 50

Mitchell's Soil Auger

A handy tool used extensively for tree-feeding. Will cut a 1-inch hole in the heaviest soil to any depth up to 30 inches. Price, \$3.00.

Ezy Wear Garden Gloves

A soft, pliable, all-leather, dirt-proof Glove for both men and women. Specially adapted for general home use. \$1.50 per pair.

No. 825. Men's Short Gauntlet. Sizes 9 and 10. \$2.00 per pair.

No. 817. Women's Short Gauntlet. Sizes 6 and 7. Pair
Brown leather. \$2 00
White leather. 2 00

Pruning Gloves

No. 280. Horsehide, with gauntlets, Pair lined. \$2 75

No. 217. Horsehide, with gauntlets, not lined. 2 50

No. 228F. Horsehide, no gauntlets, not lined. 2 25

Poles for Tree Pruners

10 ft. long, 1½-in. diam. \$2 25
12 ft. long, 1½-in. diam. 2 50
14 ft. long, 1½-in. diam. 2 75



Clyde Tree Trimmer

No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.

6-ft. \$3 00
8-ft. 3 25
10-ft. 3 50
12-ft. 4 00
14-ft. 4 50

Extra Blades for Clyde Pruners, each 35c.

Pruning Compound

Qt. \$0 75
Gal. 2 25

Mole Traps

For catching moles that ruin lawns and damage the contents of hotbeds and cold-frames. Moles usually move about 5 A.M. and 5 P.M., so that Traps should be set for that period.

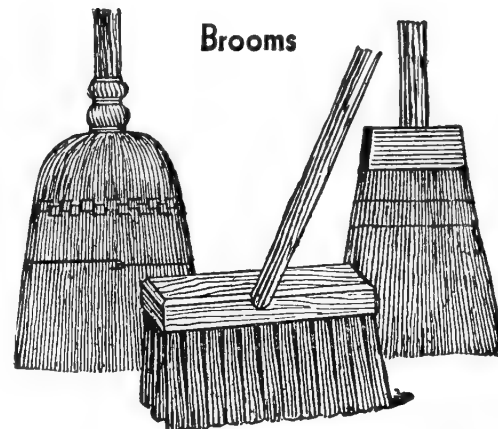
Victor "Out-of-Sight" Mole Traps. Price, \$2.00.

Reddick Model. Price, \$2.00.

Mouse and Rat Traps

Made entirely of steel, nickel-plated. Will not warp or crack.

Mouse. \$0 10 | **Rat.** \$0 25



Brooms

Plain Corn Rattan Push Fibre

No. 9. Fibre. Each \$1 75
No. 8. Corn and Rattan mixed. 1 75
Golf Greens. Birch. Doz. \$5.00. 75
No. 7. Plain Corn. Extra quality. 1 75

Road Brushes (With Handles)

No. 271. Rattan Push. 14-in. \$2 50
No. 1414. Bass or Cocoa Push. 14-in. 1 65

Implement Handles

Each
Axe. \$0 60
Spade. Plain. 85
Spading Fork. Plain. 90
Manure Fork. Plain; short. 75
Manure Fork. Plain; long. 75
Shovel. Plain; short. 75
Spade. Plain; short. 75
Hoe. Plain. 35
Rake. Plain. 50
Pick or Mattock. 50
Poles. 12-ft. 2 50
14-ft. 2 75

SEE PAGE 1 FOR PARCEL POST RATES



Dock Lifter

For field and farm use. Will uproot the deepest-seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood—no wear-out to it. Price, \$8.00. (Not mailable.)

Screw Drivers

Each
4-in. \$0 50
8-in. 75

Post Hole Diggers

No. 8. This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 in. Price, \$10 00.

No. 15. Eureka. Price, \$3.50.

Post-Hole Spade. All steel with tamper end. Price, \$4.25.

Picks

(Price with handle.)

All steel double point. \$2 50
Handles, each. 50

Mattocks

(Price with handle.)

Pick pointed. \$2 50
Axe pointed. 2 50
Half Mattocks or Grub Hoes. 2 25
Handles, each. 50

MICHELL'S FARM AND GARDEN TOOLS, ETC.

Scythes

The Little Giant is the best American-made Scythe for field and heavy grass work.

Little Giant. 32-in.....	\$3 00
34-in.....	3 00
36-in.....	3 00
Little Giant Brush or Briar	3 00

Swedish Scythe

No. 5. The curved wide heel causes the grass to fall forward in place over the snath, which makes this Scythe so easy to handle.

Length	
28-in.....	\$3 00
30-in.....	3 50
32-in.....	4 00

Scythe Handles

No. 30. Made of hardwood, well finished.
Regular Scythe Style. Price, \$4.25.
Snath Clips. Price, 50c.

Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

No. 3. Short handle. Price, \$1.00.

Corn Knife

No. 300. Eureka. Bent blade. Price, 90c.

Horticultural Knives

No. 727W. 2 blades. Price, \$3.50.
No. 1001. 1 blade. Coconut handle. Price, \$2.00.

Steel Hedge Knife

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.

No. 1. Short handle. Price, \$1.60.



Flat Files

For sharpening lawn mowers.	Each
8-in.....	\$0 50
10-in.....	60
12-in.....	90



Scythe Stones

Sir Pike. Talacre Style. 9½ in.....	Each \$0 50
Talacre. Imported.....	60
Darby Creek	30

Axes

Plumb Made. Medium, man's size; made of best-quality steel. 3½ lb. Price, \$4.00.

Steel Hammers

No. 145. Price, \$2.25.

Hatchets

Made of the best-quality tool steel that will keep an edge.

Plumb. Price, \$3.00.

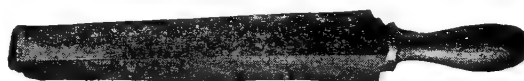
Monkey Wrenches

Made of first-quality hard steel.	Each
8-in.....	\$2 00
10-in.....	2 50



Steel Pliers

No. 70. Side cutting, 6-in.....	\$3 00
No. 70. Side cutting, 7-in.....	3 50



Carborundum Files

No. 57. Price, \$1.00 each.



Carborundum Rifle

Price, 50c. each.

Streamline Grindstone

Substantially made; heavy steel frame with seat and double treadles. Fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¾ to 2¼ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$18.50.

Rubbish Consumers

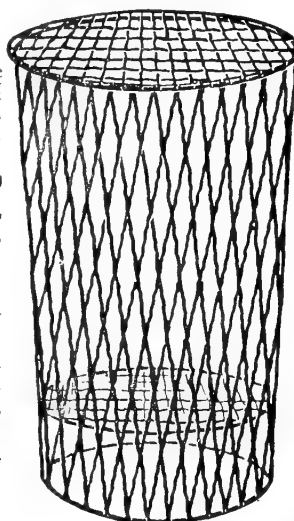
No. 5. Made of heavy, crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, \$7.50

Round Hole, Steel. Price, \$6.00.

Garden Line

Best-quality white cotton braid, woven closely. 100-ft. hanks. Price, \$1.75.

Plow Line. Cotton. 45-ft. hanks. Price, 90c.



Michell Shovels, Short Handle

Round point.....	\$2 50
Square point.....	2 50



Shovels, Long Handle

Round point.....	\$2 50
Square point.....	2 50

Floral Shovels

No. FS.	\$1 25
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Spades

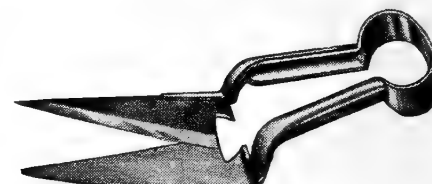
Standard Quality

Short Handle	\$2 25
Long Handle	2 25
Nursery	4 75



Snow Shovels

Steel, 16 in. wide.....	Each \$1 75
Aluminum, 20 in. wide.....	2 50



Grass Shears

For trimming along walks and curbing and in other inaccessible parts of the lawn missed by the mower.

No. 012. American. 6-in.....	\$2 50
No. 940. American. With grips. 5½-in.....	2 00

Doo-Klip

Keeps the hand off the ground. Operated by an easy up-and-down movement. Non-rusting. Price, \$1.95. Long handle, \$3.50.



Grass Trimmers

No. USGT. Price, \$1.00.

Border Shears

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

No. 104. 9-in. Without wheel.....\$5 00
Handles for Border Shears. \$1.25 per pair.

Sickles or Grass Hooks

World's Finest. No. 11½.....	\$1 00
Champion. No. 1½.....	75
Hand Made. No. 1.....	60
Perfect. No. 4.....	90

The Little Giant Long Handle Grass Hook has a polished blade 12½ inches long, a pressed steel shank, enameled red, with a 42-inch handle, 1½ inches in diameter. Price, \$1.25.

Little Giant Grass Hook. Price, 80c.
Lawn King Grass Hook. Price, \$1.00.

Here are Trimmers and Shears for all uses

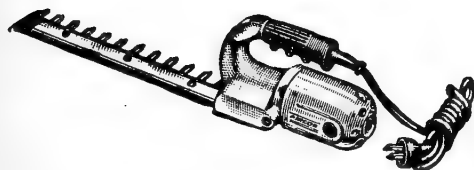
MICHELL'S FARM AND GARDEN ACCESSORIES

Electrimer

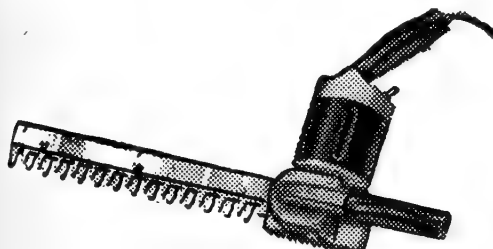


Trims hedges ten times faster, and it's fun—not work. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes. Complete with 8-ft. cord. \$34 50
100 ft. best-quality 18-gauge ext. cord. 8 50
Length of blade, 12 inches

PINCOR Electric HEDGE TRIMMER



Eliminates the back-breaking job of hand hedge and shrubbery trimming. Precision built, 13 1/2-in. steel blade complete with 8-ft. rubber cord and extra handle. Price, \$32.50.



Compare These HEDGE-KLIP Features!

Longer Cutting Length: hardened tool steel blades, with 14 1/2" cutting length.

Largest Improved Teeth: notched, bread-knife type teeth are 7/8" high and spaced 1" apart.

Quiet Motor: continuous duty, dynamically balanced Universal motor, 110v, AC-DC.

Balanced Weight: two full-grip handles give a perfect balance for utmost operating comfort.

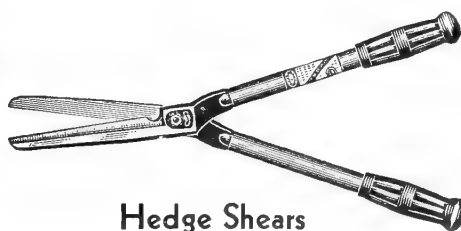
No Die-Castings which might be subject to fatigue and consequent cracks.

Complete with 15 ft. Approved Cord, Switch and Plug. \$44.50

Little Wonder Hedge Trimmer

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure. Long cutting-bars which make a quick and even cut. Made strong and sturdy; built to last many years.

Junior. 30-in. cut. \$45 00
Little Wonder. 40-in. cut. 48 00
Little Wonder. 60-in. cut. 55 00
Little Wonder Electric.
27-in. cut. \$77 50
36-in. cut. 115 00
60-in. cut. 125 00



Hedge Shears

Something new in Hedge Shears. All metal complete with rubber handle grips and 8-inch forged steel blade. \$4.50.

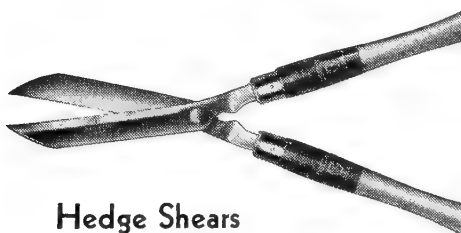


Wiss Hedge Shears

Superior construction; blades of high carbon steel, accurately hardened and tempered. Handles of drop forged steel with comfortable wood-grip handles. Don't tire the arms.

If wanted by Parcel Post, add 20c. each for postage.

8 1/2-in. \$4 50
9 1/2-in. 4 75



Hedge Shears

American

8-in. \$4 00
9-in. 4 00
10-in. 4 50

Lock Bolts, Nuts, and Washers for Hedge Shears. 25c. each.

Grasswhips

The New Double-Edged, Long-Handled Grass-Cutter.

The easiest way to cut grass and weeds; cuts rapidly on both forward and backward swing.

No. 200. The gooseneck type; forged blade; double edged; 37-in. round steel shaft, with wooden handle. Price, \$1.10.

Pruning Shears



These are procured from the most reliable makers and are fully guaranteed.

No.	Disston	Length	Each
No. 156.	Disston	8 1/2 in.	\$3 50
No. 127.	Disston	8 1/4 in.	2 25
No. 143.	Disston	9 in.	1 75
No. 227.	Disston Superlite		3 50

Spiral Springs. For any of the above Pruning Shears, each 25c.; doz. \$2.50.

Tiffany Lopping Shears

Makes an absolutely clean, perfect cut. The blades are concaved at the cutting edge, producing, with the handles, an enormous leverage. The easiest operating Lopping Shears ever made or sold. 26-in. and 30-in. handles. Price, \$6.00.

ALL PRICES SUBJECT TO MARKET CHANGES



No. 1 Forester Lopping Shears

Forester Lopping Shears

Powerful and ruggedly built Shears. Has patented slide-shift power slot.

No. 1. 20 in. long. Capacity, 1 1/8 in. Weight, 2 lbs., 10 ozs. Price, \$5.50.

No. 2. 27 in. long. Capacity, 1 1/2 in. Weight, 4 lbs., 10 ozs. Price, \$9.00.

No. 3. 34 in. long. Capacity, 2 in. Weight, 7 lbs., 4 ozs. Price, \$9.75.



Lopping Shears

No. 7. All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles, 8 in. long. Weight, 1 3/4 lbs. Price, \$4.00.



Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook, and shank are forged tool steel. Natural finish ash handles 30 in. long. Pressed steel stripped ferrule and cap. Price, \$4.75.

Clyde Lopping Shears

No. 5409. Solid tool-steel blade and hook. Hardened steel bolt with lock nut. Handles natural finish ash, 2 ft. long. Polished pressed steel ferrule and cap. Price, \$2.50.

Lopping Shears

Seymour-Smith. Wood hand. Heavy blades for large branches.

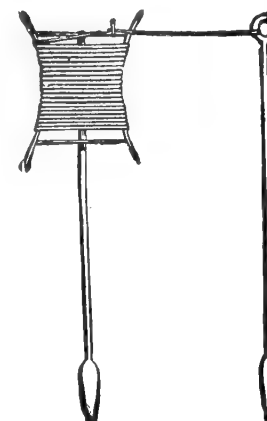
30-in. handles \$3 50
22-in. handles 3 00

Light blades for small branches.

30-in. handles \$3 00
22-in. handles 2 50

Husking-Pins

The Boss. Combination, leather and metal. Price, 40c.



Garden Reels

Medium. Single. Price, \$4.00.

Small. Single. Price, \$2.00.

This pruning equipment will do a good job

MICHELL'S FARM AND GARDEN ACCESSORIES

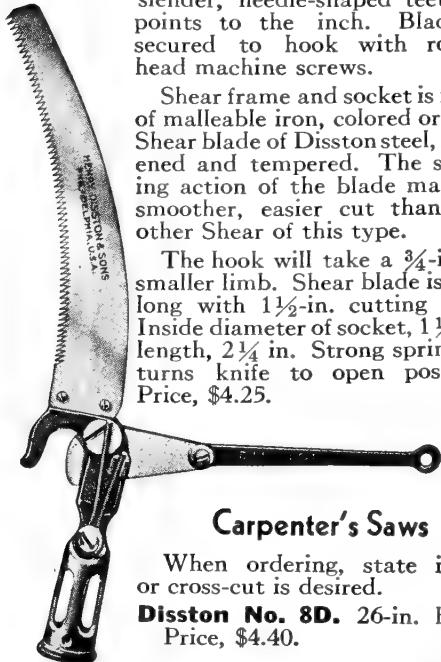
Disston's No. 55 Pruning Saw and Shear

Known as "The Orchard" and is the best combination Saw and Shear made. Curved blade makes it easy to engage and to saw the higher branches of a tree when used with pole. Can be used to advantage on the lower branches without the pole.

The blade is made of Disston steel, taper ground, with a curving taper from butt to point, 9½ inches on cutting edge; has long, slender, needle-shaped teeth; 8 points to the inch. Blade is secured to hook with round-head machine screws.

Shear frame and socket is made of malleable iron, colored orange. Shear blade of Disston steel, hardened and tempered. The shearing action of the blade makes a smoother, easier cut than any other Shear of this type.

The hook will take a ¾-in. or smaller limb. Shear blade is 4 in. long with 1½-in. cutting edge. Inside diameter of socket, 1½ in.; length, 2¼ in. Strong spring returns knife to open position. Price, \$4.25.



Carpenter's Saws

When ordering, state if rip or cross-cut is desired.

Disston No. 8D. 26-in. blade. Price, \$4.40.



No. 114 Pruning Saw

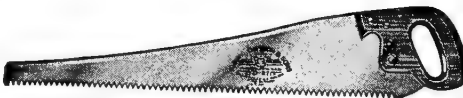
* The No. 114 Pruning Saw has a hook on socket for pulling branches out of trees. This Saw is generally used with a pole. Blade curved, taper ground, with 14-inch cutting edge. Long, slender, needle-shaped teeth, 8 points to inch. Price, \$3.50.

Horticultural and Garden Books

Book of Shrubs. By Hottes.....	\$3 50
1001 Garden Questions Answered. By Hottes.....	2 75
Woman's Flower Garden. By Kift.....	1 50
Soils and Fertilizers for Greenhouse and Garden. By Laurie..	2 50
Book of Perennials. By Hottes...	2 50
Book of Annuals. By Hottes....	2 00
Plant Propagation. By Hottes..	2 50
Tuberous Rooted Begonias. By Otten.....	2 00
Climbing Plants. By Hottes....	3 00
All About House Plants. By Free	3 50
Better Lawns. By Sprague.....	2 00
Garden Planning and Building. By Orloff and Raymore.....	2 75
Hardy Chrysanthemums. By Cumming.....	2 50
10,000 Garden Questions Answered. By Rockwell.....	3 95
Woman's Home Companion Garden Book. By Wister.....	4 95
Vegetable Encyclopedia and Gardener's Guide. By Tiedjens.....	1 00
Gardens in Color. By Pratt.....	2 49



No. 4



No. D27

Disston Pruning Saws

If wanted by Parcel Post, add 15c. each for postage.

No. 4. 18-in., double edge.....\$2 25

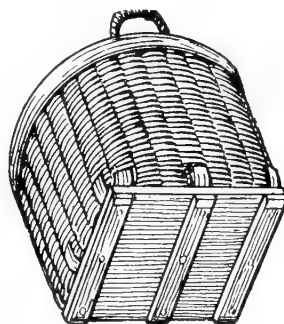
No. 5. 18-in., double edge, curved blade.....2 35

No. 200. California Pattern. 14-in. Crescent-shaped blade.....3 50

No. D27. A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1¼ in. at the point; 26 in. long; hardwood handle.....\$5 00

Cross-Cut Log Saws

No. 554. Champion. One-man. 3-ft. blade.....\$4 50

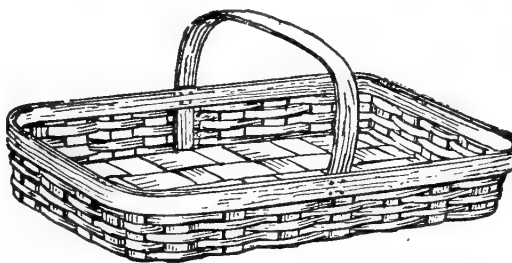


Rubbish Baskets

A Basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, \$5.00.

Garden Baskets

No. 4. Without Handle.	Each
½-bus.....	\$1 10
1-bus.....	1 50



Gathering Basket

Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00.

Flower-Picking Basket

Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, \$1.10

ALL PRICES SUBJECT TO MARKET CHANGES

Bemis Erosionet

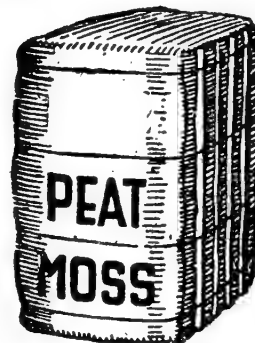
For New Lawns, Weak Lawns, and Stubborn Terraces



Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its ¼-inch-square mesh catches and holds seed and sod firmly in place. Thus, damaging washouts from heavy rains are effectively checked without cutting off the sunlight.

Erosionet is quickly and easily applied and can readily be removed when the grass has become established. One width only—45 inches. Price, 22c. per lineal yd. in full rolls (250 yds.). Smaller lengths, 25c. per lineal yd.

Staples for above. Doz. 50c.; 100, \$4.00.

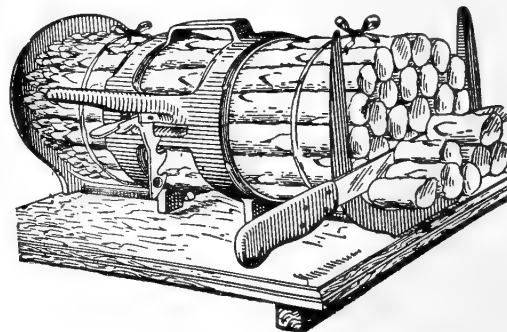


Peat Moss, Granulated

Large bale....	\$5 50
½ bale.....	3 25
1-bus. bags....	75

We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer

or winter mulching, and a valuable source of organic matter when incorporated with the soil.



Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, \$5.50.

Asparagus Knives

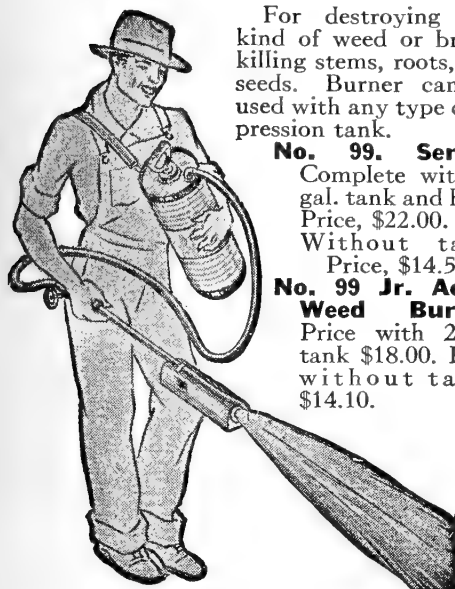
No. 2500. Fishtail.....	Each
	\$0 60

Asparagus Tape

Red. 1000-yd. spool. Price, \$9.00.
Green. 1000-yd. spool. Price, \$8.00.

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

Aeroil Weed Burner



For destroying any kind of weed or brush, killing stems, roots, and seeds. Burner can be used with any type compression tank.

No. 99. Senior.
Complete with 4-gal. tank and hose.
Price, \$22.00.
Without tank.
Price, \$14.50.

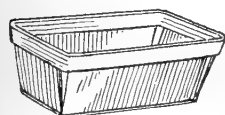
No. 99 Jr. Aeroil Weed Burner.
Price with 2-gal. tank \$18.00. Price without tank, \$14.10.

Spray Attachment

Use with any AEROIL No. 99 Tank. Makes a high pressure sprayer. Can be used to spray disinfectants in poultry houses, barns, kennels, etc. to spray fly repellents and insecticides; Spray Nozzle and automatic squeeze type shut off valve. \$3.50.

Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, \$1.00.



Berry Boxes

	100	1000
1-pt.	\$1 85	\$15 00
1-qt.	2 00	18 00



Grape-Protecting Bags

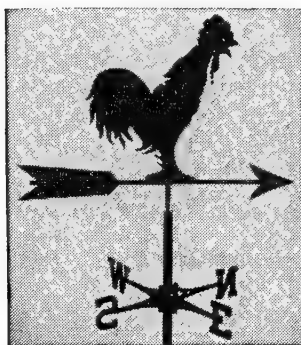
Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached, and last a season. The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus. Leave Bags attached until the fruit is ready to harvest. 100, \$2.50.



Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, \$2.00 per 100.

ALL PRICES SUBJECT TO MARKET CHANGES



Weather-Vane

- No. 30.** Crowing Rooster. 19 in. long; 23 in. high. \$6.75.
- No. 5.** Windmill. 19 in. long; 22 in. high. \$6.75.
- No. 17.** One-horse Shay. 19 in. long; 22 in. high. \$11.50.
- No. 28.** Running Horse. 19 in. long; 20 in. high. \$6.75.
- No. 15.** Two-masted Schooner. 19 in. long; 22 in. high. \$7.50.
- No. 20.** Mistress Mary. 19 in. long; 23 in. high. \$6.75.



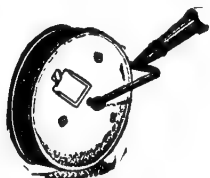
Sun-Dials

These ancient time-tellers are a part of every exclusive flower or vegetable garden, and, indeed, a very interesting one.

- No. 350.** 8-in. diam.; bronze; plain. Price, \$6.25.
 - No. 351.** 9 1/4-in. diam.; bronze; with motto. Price, \$7.00.
 - No. 105.** 10-in. diam.; bronze; with motto. Price, \$7.00.
 - No. 107.** 11-in. diam.; bronze; with motto. Price, \$10.50.
- Prices do not include pedestal.

Tennis-Court Markers

- No. 5. Excelsior.** A practical low-cost Marker, easy to operate. Rear marking action only. Suitable for grass or dirt. Capacity, 2 1/2 gallons. Price, \$30.00.



- No. OX.** The most practical Marker where dry lime is used. Price, \$3.50.

Commercial Whiting

An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. \$2.00 per 50 lbs.; 100 lbs. \$3.75; bbl. (250 lbs.) at \$3.00 per 100 lbs.



Glass Cutters

- | | |
|---|--------|
| | Each |
| Single Wheel. Steel | \$0 30 |
| 6-Wheel. Steel | 65 |
| No. 8. Small Diamond. Ebony handle | 10 00 |
| No. 8A. Large Diamond. Mahogany handle | 10 50 |

Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

Especially adapted for glazing wood and metal sash. Gal. \$3.50; 5 gals. \$15.00.

Masticote Glazing Cement

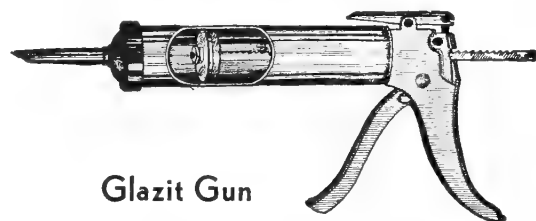
Black. Apply with a mastica machine. Gal. \$1.20; 5 gals. \$4.00.

Greenhouse Paint

A superior white Paint for sash-bars, sash-frames, etc. Gal., \$7.00.

Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs. \$4.00; 25 lbs. \$16.50.



Glazit Gun

Model B. Capacity 1 pint. For applying liquid glazing putty, mastica, etc. Price, \$4.25.



Glazing Chisel

Made of the best-quality steel. Price, \$2.00.

Glazing Points

- Peerless.** Three sizes.
- No. 1.** For single glass.
- No. 2.** For single glass.
- No. 2 1/2.** For double-thick glass. Price, \$1.00 per 1000.



- Pincers.** For driving Peerless Points. Price, \$1.00.
- Seibert Style.** Zinc. Made with a prominent head. Cannot rust. Easily driven. 5/8-, 3/4- and 7/8-in. lb. 75c.; 5 lbs. \$3.50. (1000 to 1200 in a pound.)
- Zinc Glazing Nails.** Lb. 75c.

Putty Distributor

For distributing putty, mastica, etc. Price, \$1.75.

Mastica Machine

For distributing mastica, etc. Made of heavy zinc. Price, \$4.25.

Grafting Wax

Used for budding and grafting work and for filling small cavities in trees. 1/4 lb. 30c.; 1/2 lb. 45c.; lb. 75c.

Grafting Tool

Made of the best steel. For grafting trees etc. Price, \$1.40.

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES

Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

20-ft.....	\$1.30 per ft.
22-ft.....	
24-ft.....	
28-ft.....	
30-ft.....	\$1.40 per ft.
32-ft.....	
36-ft.....	
38-ft.....	
40-ft.....	

Single Plank Ladders

Made of good hardwood, free from faulty knots, and with perfect rounds.

8-ft.....	18-ft.....	80c. per ft.
12-ft.....	20-ft.....	
14-ft.....	22-ft.....	
16-ft.....		

Step-Ladders

Columbia. 3-step up to 10-step. Price per step, \$2.05.

Celery Bleachers

B. B. Patented Celery Bleachers. Made of special-process material, scientifically treated to withstand moisture. With these Bleachers no banking of soil or putting up boards is necessary. Easy and quick results—prevents rot—produces cleaner more uniform product under all conditions.

No.	Size	Doz.	100	1000
B2.....	6½ x 13 in.	\$0 55	\$4 00	\$36 00
B3.....	7 x 14 in.	60	4 50	40 00

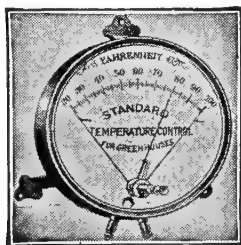
Celery Handler. Brass, \$3.00. Tin, \$1.35.

Recording Thermometer

No. 200. This type of Thermometer, which can be equipped with either a daily or weekly chart, enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. The Thermometer is equipped with a high-grade clock and ink stylus which marks very accurately. It is an ideal installation. In ordering, state if weekly or daily record chart is desired. Price, \$65.00.

Glass Dairy Thermometer

For testing milk, etc.; also used for soil purposes. Price, \$1.00.



Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

No. GH3. Not waterproof style. Price, \$19.00.

No. GH4. Waterproof style. Price, \$24.00.

THERMOMETERS

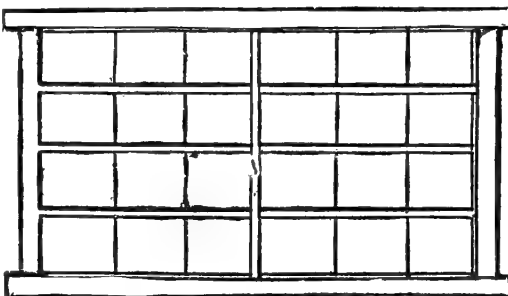
No. 5448. Maximum and Minimum. Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$10.00.

Tested Thermometers

No. 5127. Temprite Thermometer.	
8 in.....	\$2 00
No. 5137. Temprite Thermometer.	
8 in. Black.....	1 50
No. 5316A. Temprite Thermometer.	
8 in. Black. Window or Wall.....	2 00
No. 5400. Temprite Thermometer.	
12 in. Black.....	3 50
No. 5400 P. Temprite Thermometer.	
8 in. Copper.....	3 50
No. 5400P. Temprite Thermometer.	
12 in. Copper.....	4 50

Mushroom or Hotbed Thermometer

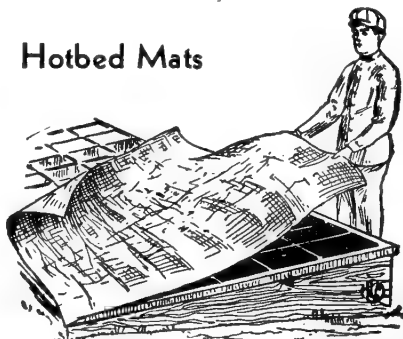
No. 20450. Iron point; oxidized finish. Price, \$4.50.



Hotbed Sash

Philadelphia Style. Made of best-quality cypress. Size: 3 ft. 1½ in. wide, 6 ft. long, 1¾ in. thick. Each Plain, not glazed or painted.....\$10 00 Complete, puttied, glazed and painted.....17 50

Hotbed Mats



Hotbed Mats keep frost and severe cold out of frames. They are padded with shoddy.

Waterproof one side. 76 x 76 in., for two sash. Each, \$8.50; doz. \$86.00.

Waterproof one side. 40 x 76 in., for one sash. Each, \$4.50; doz. \$52.00.

Burlap, Non-Waterproof.	Each	Doz.
40 x 76.....	\$4 00	\$44 00
76 x 76.....	7 00	80 00

"GRO-QUICK" Electric Seed Bed Heater

Seeds germinate faster, ready for transplanting two weeks sooner. For hotbeds, cold frames and plant benches. Operates on household current, adjustable thermostat and pilot light. Prices on extra cables will be gladly furnished on request.

Junior Gro-Quick (for 6 x 3 ft. bed) 40 ft., 200 watt cable.....\$5 35

Senior Gro-Quick (for 6 x 6 ft. bed) 80 ft., 400 watt cable.....\$6 95

Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 3 ft. wide.

Cut pieces, 35c. per yd. Full-roll lots (100 yds.), 33c. per yd.

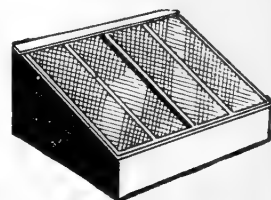
R-V-Lite Vitapane

A new transparent glass substitute used anywhere that glass is required. Allows passage of more than 60 per cent ultra-violet rays. Made from cellulose and reinforced with a tough netting fabric.

36 in. wide, lineal foot.....	\$0 21
50-ft. roll.....	9 25
50-yd. roll.....	27 65

Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your coldframes and newly planted seeds. Not affected by hail, snow, rain or wind, and cannot break like glass. Highly translucent.



28 in. wide, cut pieces, per ft.....	\$0 35
In full rolls of 25, 50, 75 or 100 ft., per ft.....	32
36 in. wide, cut pieces, per ft.....	40
In full rolls of 25, 50, 75 or 100 ft., per ft.....	38

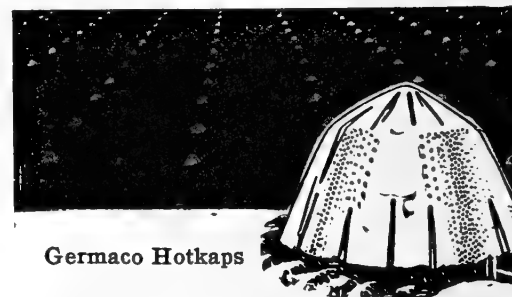
Neegards

The Modern Knee Protector

Ideal for gardening and housework, floor-work, linoleum laying, mining, deckwork. Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. (Can be worn over or under clothes.) Price, \$2.00.

Rubber Kneeling Pads

Will protect the clothing and prevent knees from becoming damp. Price, 75c.



Germaco Hotkaps

Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft.

1000 lots.....	\$13 50
Trial Pkg. (250) including Setter and Tamper.....	4 65
Home Pkg. (100) including Setter and Tamper.....	2 75
Home Garden Pkg., containing 25 Hotkaps and Cardboard Setter.....	70
Garden Setter. Steel.....	1 95

Twist-ems are handy gadgets—try them

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES

Plant Stakes

No. 10, Steel Wire, Galvanized

	100	1000
2 -ft.....	\$1 90	\$16 60
2½-ft.....	2 30	20 10
3 -ft.....	2 70	23 60
3½-ft.....	3 10	27 30
4 -ft.....	3 30	29 10
4½-ft.....	3 95	34 65
5 -ft.....	4 35	38 30
5½-ft.....	4 80	42 00
6 -ft.....	5 20	45 65

No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	100	1000
2 -ft.....	\$2 50	\$22 75
2½-ft.....	3 00	26 50
3 -ft.....	3 65	31 90
3½-ft.....	4 20	36 75
4 -ft.....	4 75	41 65
4½-ft.....	5 30	46 70
5 -ft.....	5 90	51 60
5½-ft.....	6 45	56 70
6 -ft.....	7 05	61 70

Green-Painted Tapering Plant Stakes

	Each	Doz.	100
1½-ft.....	\$0 04	\$0 30	\$2 00
2 -ft.....	07	55	3 50
2½-ft.....	08	75	5 00
3 -ft.....	11	1 00	6 50
3½-ft.....	12	1 25	8 25
4 -ft.....	15	1 50	9 75
5 -ft.....	17	1 80	12 75

Green-Painted Rose or Dahlia Stakes

	Each	Doz.	100
3-ft.....	\$0 15	\$1 65	\$11 00
4-ft.....	20	2 00	13 50
5-ft.....	25	2 50	18 00
6-ft.....	30	2 85	21 00

Ash Wood Garden Stakes

	Each	Doz.	100
3-ft.....	\$0 08	\$0 85	\$6 00
4-ft.....	12	1 25	8 00
5-ft.....	15	1 60	10 00

Square Painted Plant Stakes

	Doz.	100
1½-ft.....	\$0 40	\$2 40
2 -ft.....	50	3 00
3 -ft.....	1 20	8 75
4 -ft.....	2 15	15 00
5 -ft.....	2 75	20 00
6 -ft.....	3 15	22 50

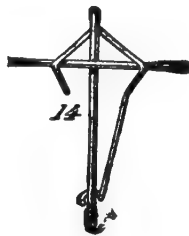
Hyacinth Stakes

	1000
12-in.....	\$4 75
15-in.....	5 00
18-in.....	5 25

Cane Stakes

These are very attractive for all-purpose plant-staking. Thin and very strong.

	Doz.	100	1000
1½-ft., green.....	\$0 20	\$1 00	\$8 00
2 -ft., green.....	25	1 25	9 50
2½-ft., green.....	30	1 50	11 00
3 -ft., green.....	35	1 75	13 00
3½-ft., green.....	40	1 85	14 50
4 -ft., green.....	45	2 00	16 00
5 -ft., green.....	55	2 25	18 00
6 -ft., green.....	75	3 00	21 00



Everlasting

Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.

	Per box 500	Per box 1000
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Everlasting Style. Heavy...\$2 00 \$3 50

Poles (Wood)

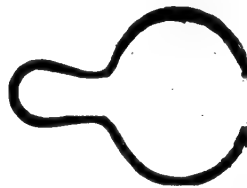
	Each
10 ft. long, 1½-in. diam.....	\$2 25
12 ft. long, 1½-in. diam.....	2 50
14 ft. long, 1½-in. diam.....	2 75

Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

	Each	Doz.
16 ft. long.....	\$0 60	\$4 75
18 ft. long.....	75	6 00
20 ft. long.....	85	7 50

Lightning Wire Stake Tie

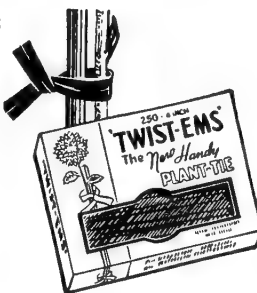


For fastening plants to stakes, either wire or wood. Can be used many times. 100, 35c.; box of 1000, \$2.00.

Tie Your Plants with "Twist-Ems"

"Twist-Ems" are dark green strong tapes with wire reinforcing that make perfect plant ties with a twist of the wrist. For plants, vines and arranging flowers.

8-in., box of 125. \$0 35



Train-etts

New weatherized trellis netting. Ideal support for sweet peas, garden peas, pole beans, cucumbers, tomatoes. Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string—lasts several seasons.* In 3 sizes: No. 1, 60 x 72 in., 65c.; No. 2, 60 x 96 in., 85c.; No. 3, 60 x 180 in., \$1.25, postpaid.

Raffia

For tying, basket-making, and fancywork. **Natural Color.** ½lb. 45c.; lb. 80c.; 5 lbs. \$3.75.

Green. ½lb. 65c.; lb. \$1.15; 5 lbs. \$5.50.

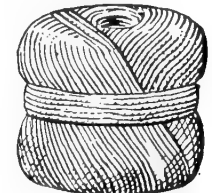
Raffiatape

For tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile-green. Spool of 250 yds. \$1.20; 6 spools \$7.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Silkline



Green Sea Island

Twines, Etc.

	Ball	Lb.
White Cayuga.		
No. 108. Medium.....	\$0 75	\$1 25
No. 208. Heavy.....	80	1 40
Jute. 2-ply and 3-ply.....	40	65
White Cotton. 3-ply and 4-ply	35	1 20
Tarred. For mat-making....	50	
Tarred Sisal. For fodder....		55
Binder. Large balls.....	2 25	
Express. Very heavy.....	70	

Green Silkline. For stringing smilax, asparagus, etc. F, fine; FF, medium; FFF, coarse. Spool 50c.; lb. (8 spools) \$3.25.

Everbest Thread. Very similar to the above; fast color. Spool 25c.; lb. \$1.50.

SUNDRIES

Bulb Fibre. Qt. 15c.; ½pk. 45c.; pk. 75c.; ½bus. \$1.25; bus. \$2.00.

Bull Dog Clips of 1000. For fastening packages, etc. Box 75c.

Carnation Staples. Wire. 1000, 50c.

Celery Paper. Width 36 in. 167 lineal ft. per roll. Roll \$4.00.

Celery Tape, Fast Red. 1000-yd. spools \$9.00.

Celery Tape, Green. 1000-yd. spools \$8.00.

Charcoal. Lump. Pk. 75c.; bus. \$1.75; bbl. sack \$3.75.

Charcoal. Ground. Coarse, fine, and powdered. Lb. 20c.; 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$1.75; 100 lbs. \$6.00.

Moss. Green Lump. Bus. \$2.50; bbl. bag \$4.00.

Moss. Green Sheet. Lb. 60c.; bag \$5.00.

Moss, Sphagnum. Dry. Bbl. bag \$2.00; large bale \$5.00.

Moss, Sphagnum. Live. Pk. \$1.15; bus. \$3.00; bbl. \$5.00.

Pearl Chips. For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg. 15c.; 12 pkgs. \$1.50. In bulk, white, 10 lbs. \$1.00. Colored, 10 lbs. \$1.00.

Peat or Leaf Mould. Pk. 60c.; bus. \$2.00; bbl. of approximately 2 bus. \$3.50.

Peat, Orchid. Lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$4.50.

Pebbles. Qt. 15c.; pk. \$1.00; 100 lbs. \$3.00.

Pruning Compound or Tree Dressing (Fram's). Qt. 75c.; gal. \$2.25.

Salt Hay. For protection of plants and shrubs. 25 lbs. \$2.50; 50 lbs. \$4.75; bale (averaging 140 lbs.), 5c per lb.; ½ton \$32.00; ton \$60.00.

Sand. For propagating. Qt. 15c.; 25 lbs. 65c.; 100 lbs. \$2.00; 500 lbs. \$9.00.

Shaderine. For shading greenhouse glass. 5 lbs. \$2.00; 10-lb. can \$3.75.

Soil. For potting. Qt. 10c.; ½pk. 30c.; pk. 55c.

Soil, Plain Top. 100 lbs. \$1.75; 500 lbs. \$7.50.

Tinfoil, Plain. In 5- and 6-in. widths, 1-lb. pkg. 90c.; 5 lbs. \$3.75.

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



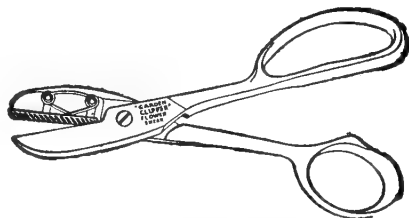
Florists Shears

No. 833. 7½-in. Used for cut-flower wire, etc. \$2 75

No. 832. 8-in. Used for cut-flower wire, etc. 2 75

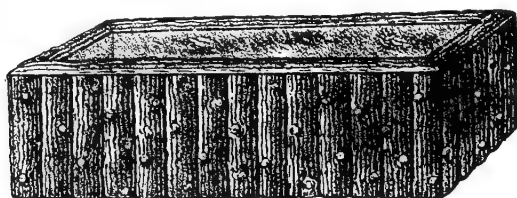
No. A12. 8-in. For heavy wire and tin. 2 30

No. 10. 11½ in. For heavy wire and tin. 3 65



Flower Shears

No. 615. A wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, \$2.00.



Rustic Window-Box

Window-Boxes

Wooden, Rustic Bark Style. Attractively made and neatly finished. For indoor or outdoor use.

	Depth Outside	Width Outside	Price
24 in.....	7½ in.	11 in.	\$3 00
30 in.....	7½ in.	11 in.	3 25
36 in.....	7½ in.	11 in.	4 00

Any length made to order, \$2.00 per running foot, 11 inches wide.

Plain Wood Style

(Painted Green)

We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger amount than these entail.

	Depth Outside	Width Outside	Price
24 in.....	6½ in.	8 in.	\$2 75
30 in.....	6½ in.	8 in.	3 00
36 in.....	6½ in.	8 in.	3 50

Any length made to order, \$1.00 per running foot, 8 inches wide.

Window-Boxes

Enamel green finish over galvanized sheeting. Self-Draining

24 in. long; 6 in. deep; 7 in. wide.....	\$3 75
30 in. long; 6 in. deep; 7 in. wide.....	4 25
36 in. long; 6 in. deep; 7 in. wide.....	5 00

Cut-Flower Boxes

	Doz.	100
21 x 5 x 3 in.....	\$0 95	\$7 60
24 x 5 x 3½ in.....	1 35	10 80
28 x 8 x 5 in.....	2 10	16 80
30 x 5 x 4 in.....	1 65	13 20
36 x 8 x 5 in.....	2 75	21 00

Perfecto Flower-Boxes

Air-circulating; Self-irrigating

Made of coppered steel, which will neither rust nor deteriorate. Enameled green.

Length	Depth	Width	Price
20 in.....	6 in.	7 in.	\$2 00
26 in.....	6 in.	7 in.	2 50
32 in.....	6 in.	7 in.	3 00

Bark

Rustic (Cedar). For covering boxes, columns, or any other article.

1 sq. ft.....	\$0 20
25 sq. ft.....	3 75
Bundle of about 50 sq. ft.....	5 50

Birch. Lb. 50c.; 10 lbs. \$3.75.

Cork Bark. Sheets 1½ to 2 ft. wide, about 4 ft. in length. Lb. 50c.

Paper for Wrapping Flowers

	Lb.	½ream	Ream
Manila. Heavy. 24 x 36 in.....	\$0 40	\$2 25	\$4 00
Manila. Tissue, 24 x 36 in.....	60	2 50	4 00
White Wax. 24 x 36 in.	75	2 75	5 00
Green Wax. 24 x 36 in.	75	2 75	5 00

Window and Porch-Box Paint

Weather-resisting; mixed especially for the purpose; will not fade when exposed to weather or soil conditions. Two colors only, White or Chrome-Green. Gal. \$7.00.



Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
No. 1. 3 x ½ in.....	\$0 60	\$3 00
No. 2. 4 x ¾ in.....	85	5 00
No. 3. 5 x 1 in.....	1 25	7 00

Painted Labels

POT	100	1000
4-in., ⅝-in. wide.....	\$0 45	\$3 25
5-in., ⅝-in. wide.....	55	3 50
6-in., ⅝-in. wide.....	65	4 50

GARDEN

8-in., ⅞-in. wide.....	1 10	10 00
10-in., ⅞-in. wide.....	1 75	11 00
12-in., ⅞-in. wide.....	2 25	14 50

FIELD

18-in., 1¼-in. wide, not painted.....	5 00	48 00
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Tree Labels

	100	1000
Copper Wired. Plain.....	\$0 45	\$3 50
Copper Wired. Painted.....	70	4 00
Iron Wired. Plain.....	50	3 00
Copper Sheet. Wired.		

Doz. 40c... 2 50

Zinc Sheet. Wired. Doz. 40c. 2 50

Indelible Marking Pencils. Price, 15c.

Celluloid Pot Labels

	Doz.	100
No. 21. 4 x ⅝ in.....	\$0 40	\$2 00
No. 22. 5 x ¾ in.....	60	3 00



Perfect Garden Labels

With an ordinary lead-pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage, and rocks.

Border Size.	5 in. Doz.	100
long; width of marking space, 2 in.....	\$1 25	\$9 25

Rock-Garden Size.	4 in. long; width of marking space, 1¾ in.....	1 15	7 90
Show Garden Size.	7 in. long; width of marking space, 2⅞ in.....	1 50	11 00

Simplex Green Weather-Proof Plant Labels

Easily marked with a sharp, pointed steel stylus, which cuts through to the white base.

	Doz.	100
No. 31. 3 x ½ in.....	\$0 45	\$2 50
No. 32. 4 x ¾ in.....	75	4 00
No. 33. 5 x 1 in.....	90	5 50

Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

Iron. Painted gray, trimmed red. \$1.00 each.

"No-Gunning" Signs

Printed on heavy cardboard, with large black lettering. Size 12x13 in. Each 35c.; 6, \$1.80; doz. \$3.50.

Adjusto Plant Support

Consists of a stake ⅞ inch square and of different lengths, as may be required, and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.

A permanent equipment which can be used year after year.

1½ ft. high. Each 15c.; doz. \$1.20.
2 ft. high. Each 20c.; doz. \$1.50.
3 ft. high. Each 25c.; doz. \$2.50.
4 ft. high. Each 30c.; doz. \$3.00.
5 ft. high. Each 35c.; doz. \$3.40.
6 ft. high. Each 40c.; doz. \$3.75.



Wayward Vine Guide and Support

For training and supporting Ivy, small fruiting trees and all other vines, etc., on brick, stucco, stone and cement walls without defacing. No nails—No holes.

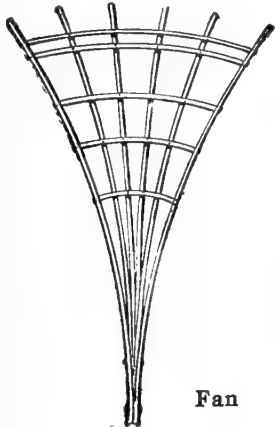
Red for Brick
Gray for Stone
White for Cement
Box of 25, \$1.00.

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES

Continuous Wire Trellis

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 165 running feet
18 in. wide. Less than 165-ft. roll, 14c. per ft.
18 in. wide. In roll lots, 165 ft., 12c. per ft.
24 in. wide. Less than 165-ft. roll, 16c. per ft.
24 in. wide. In roll lots, 165 ft., 14c. per ft.



Fan Trellis

Made of wood and painted white.

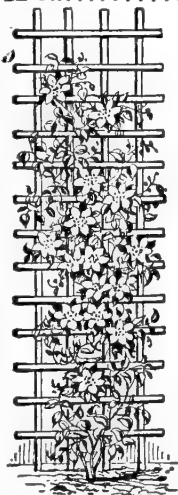
18-in.	\$0 35
24-in.	50
30-in.	65
36-in.	1 00
42-in.	1 25
48-in.	1 50
72-in.	2 50
84-in.	2 75

Fan

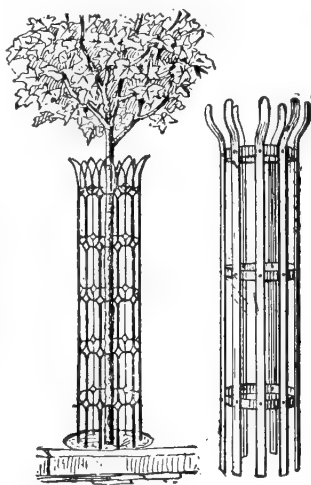
Lattice Trellis

Made of wood and painted white.

	18 in. wide	24 in. wide
6-ft.	\$2 25	\$3 00
7-ft.	2 50	3 50
8-ft.	3 00	3 75
9-ft.	3 25	4 50
10-ft.	3 75	5 00
12-ft.	4 25	6 00



Lattice Trellis



Wire Guard Iron Guard

Tree Guards

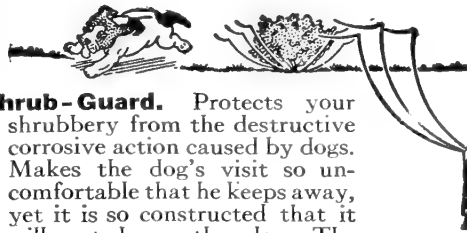
Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner. Each

9-in. diam.; 6 ft. high	\$1 75
12-in. diam.; 6 ft. high	2 00

No. 4. Iron. Made of flat iron, finished black. Will last indefinitely with an occasional painting. 12-in. diam.; 5 ft. high. Price, \$4.50.

Philadelphia Official Tree Guard. Made of heavy, round iron. 12-in. diam.; 6 ft. high. Price, \$8.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Shrub-Guard. Protects your shrubbery from the destructive corrosive action caused by dogs. Makes the dog's visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The SHRUB-GARD is a unit of steel spring wires that are flexible and will not tear clothing of passersby.

Each SHRUB-GARD has three prongs and covers approximately 2½ lineal feet. Packed one dozen to a carton. Weight 2½ lbs. Price, \$2.50 per doz.

Poultry Wire Netting

Price is constantly changing and is subject to market.

No. 19. Galvanized; 2-inch mesh; 150 running feet per bale.

Width	Price	Width	Price
12 in.	on	42 in.	on
18 in.	on	48 in.	on
24 in.	on	60 in.	on
30 in.	on	72 in.	on
36 in.	on		

No. 20. Galvanized; 1-inch mesh; 150 running feet per bale.

Width	Price	Width	Price
12 in.	on	42 in.	on
18 in.	on	48 in.	on
24 in.	on	60 in.	on
30 in.	on	72 in.	on
36 in.	on		

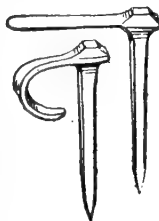
Staples

¾-in., for fastening netting. Lb. 25c.

Flower-Bed Fencing

For putting around beds, lawns, etc. Any length desired, up to 100 running feet.

16-in. Less than 100-ft. roll, ft. 12c.
16-in. In roll lots, 100 feet, ft. 10c.
22-in. Less than 100-ft. roll, ft. 14c.
22-in. In roll lots, 100 feet, ft. 12c.



Wall Nails

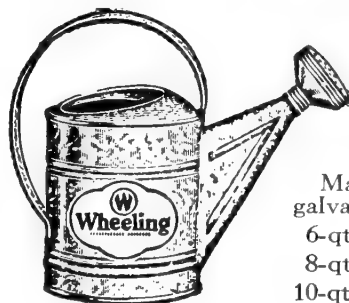
For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall.

1-in., doz. 60c.; 100, \$3.90.
1½-in., doz. 80c.; 100, \$5.35.
2-in., doz. 1.00; 100, \$6.50.

Cemetery Vases

For holding cut-flowers on cemetery lots, etc.

Tin. Enameled; large; green. Price, 25c. each; doz. \$2.50.



Michell's Watering Cans

Made of light galvanized iron.

6-qt.	\$1 60
8-qt.	1 90
10-qt.	2 10

Night Eye

The simple marker, inexpensive and practical, for the long driveway. Lenses mounted on both sides of clear pine stakes. Black, white or green stain. Each \$1.00.

Reflecto Signs

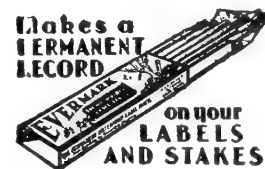
For the suburban dweller requiring a house number or name sign easily distinguishable at night. The jeweled reflection buttons, set in cut-out letters, light up at night under head-light glare, spelling your name, house number or any directional marking, and are very attractive by day as well.

Available in a variety of panel styles, Reflecto Signs are made to order only, ranging upward in price from \$1.15 for one letter or numeral mounted on panel, depending on the number and size of the figures. Standard color combination is white letter on natural wood.

Reflecto Letters and Numerals only (without panel) for easy attaching to any surface are available at the following prices:

2 in. or 2¾ in. high	\$0 75
3 in.	85
4 in.	95

Evermark Pencils



You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. 15c. each; doz. \$1.65.

Rubber Hose

	Per ft.
Gates. ¾-in. Extra quality	\$0 26
Michell's Special. ½-in.	22
Michell's Special. ¾-in.	26
Tiger. ½-in. 1-braid	12
Black Bulldog. ¾-in.	27
Spray Pump Hose. ¾-in. 2-braid ...	24
High Pressure Hose. ¾-in.	40

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 50c. per pair for couplings.

Hose Washers. ¾-in., doz. 5c.; ¼lb. 35c.; lb. \$1.20. 1-in., doz. 6c.; ¼lb. 60c.; lb. \$1.85.

Amepeco Hose

Clear amber Hose. Kink-proof; crack-proof. Very light, non-soiling and easy to handle. Equipped with machined fittings and guaranteed for five years.

¾-in., 25-ft. length	\$13 75
¾-in., 50-ft. length	24 50
¾-in., 25-ft. length	6 95
¾-in., 50-ft. length	12 95

Green (Guaranteed 2 Years)

¾-in. only, 50-ft. length 9 95 |

Koroseal Plastic Garden Hose Red or Green

Very light in weight. Finished in brilliant red or cool green color. Mirror finish inside and out. Easy to handle; resists oil and grease and is not affected by sunlight. Made by Goodrich.

¾-in. 25 ft.	\$5 25
¾-in. 50 ft.	9 70

The New Electric Hose

An oldtime reliable item now back on the market, formerly called Chicago Electric Hose. A two-braid rayon thread, quite an improvement over the old cotton thread. Can be cut in any length.

¾-in. 2-braid rayon \$0 30 |

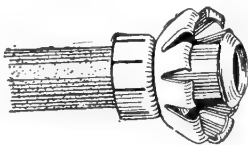
MICHELL'S DUSTERS AND SPRINKLER ACCESSORIES

Hose Menders			
	Each	Doz.	
Cooper's. $\frac{3}{4}$ -in.	\$0 15	\$1 65	
Cooper's. $\frac{5}{8}$ -in.	15	1 65	
Cooper's. $\frac{1}{2}$ -in.	15	1 65	

Perfect Hose Menders

Made entirely of brass, with swivel motion—no band required.

For $\frac{1}{2}$ -in. and $\frac{3}{4}$ -in. hose. Price, each 20c.; doz. \$1.50.

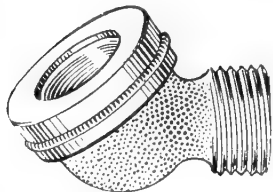


Hydrant Attachments

For attaching hose to smooth faucets.

No. 2. For small spigot. Price, \$1.00.

No. 3. For large or standard spigot. Price, \$1.00.



Snap-on Coupling

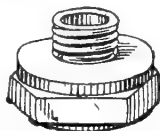
Chrome. Price complete, \$1.10.

Extra Faucet attachment for coupling, 40c.

Hose Reducers

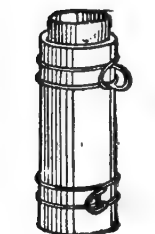
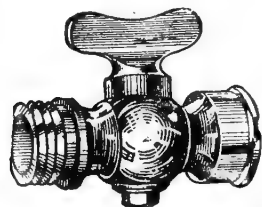
For reducing 1-in. pipe to fit regular $\frac{3}{4}$ -in. hose. Price, 50c.

For reducing $\frac{3}{4}$ -in. pipe to fit $\frac{5}{8}$ -in. hose. Price, 90c.



Shut-Off Connection

Cast brass, polished; $\frac{3}{4}$ -in. male thread on one end; $\frac{3}{4}$ -in. female thread on other end. Price, \$1.50.



Caldwell Band as applied to Hose



Hose Bands

Caldwell's. For fastening couplings and menders.

No. 8. For 4-ply hose. Doz. \$0 60 Gross \$6 20

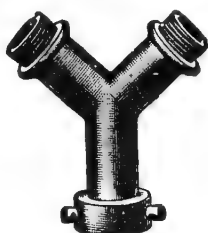
No. 6. For 3-ply hose. Doz. 60 Gross 6 20

Players for above, pair 40c.

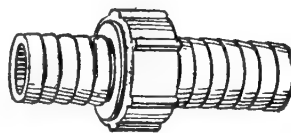
Sure Grip. Can be furnished in $\frac{1}{2}$ -in., $\frac{5}{8}$ -in. and $\frac{3}{4}$ -in. Either size, each 5c.; doz. 55c.

Siamese Hose Connection

No. 68. This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, \$1.50.



Hose Couplings



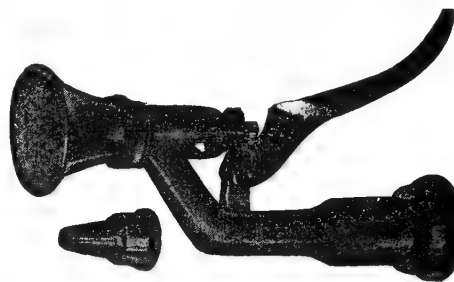
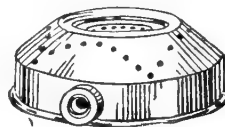
	Pair	Doz.
Plain Brass. $\frac{1}{2}$ -in.	\$0 45	\$4 70
Plain Brass. $\frac{5}{8}$ -in.	45	4 70
Plain Brass. $\frac{3}{4}$ -in.	45	4 70

Evertight Hose Coupling. 85c. each.

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required. For $\frac{1}{2}$ -in. and $\frac{3}{4}$ -in. hose (mention which is wanted when ordering). Pair 40c.; doz. \$4.00.

Baby Ring

Height, 2 in. Price, \$1.20



Aquamatic Hose Nozzle

A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Price, \$3.75. Complete with spray rose and solid stream nozzle.

Spray Nozzles ($\frac{3}{8}$ -in. Thread)

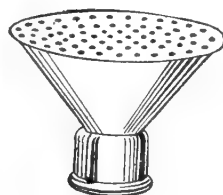
Mistry, Jr. Straight style. \$1 25

Mistry, Jr. Elbow style. 1 25

Y Connection. For making a double spray-head Nozzle. 60

Bordeaux Nozzle. 1 25

If Nozzles are wanted for $\frac{3}{4}$ -in. hose connections, add 70c to above prices.



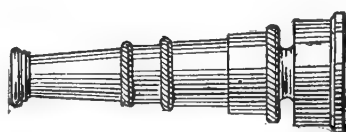
Greenhouse Spray Nozzle

(for $\frac{3}{4}$ -in. hose)

Light Copper. Price, \$2.25.

Heavy Brass. Price, \$1.65.

Gem Hose Nozzle



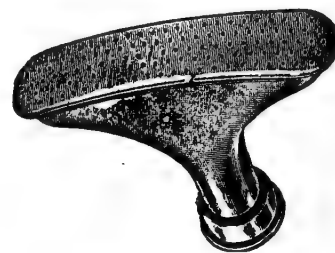
(For $\frac{3}{4}$ -in. Hose)

Can be regulated to give mist spray or solid stream. Price, \$1.25.

Champion Nozzle

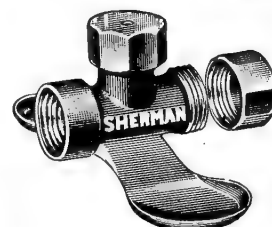


A dandy Nozzle for greenhouse use. Makes a spray or a solid stream; easily adjusted. Price, 75c.



Flaring Rose Sprinkler

Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, \$1.00.



Sherman Portable Sprinkler

Price, 85c.

Water Wand

Another trouble-saver for the gardener. Watering the garden becomes a real joy with "Water Wand."

The long, light-weight handle enables watering the back of large flower-beds without stepping into the soft soil or trampling delicate plants. Beautifully finished in bright cadmium. Price, \$3.00.

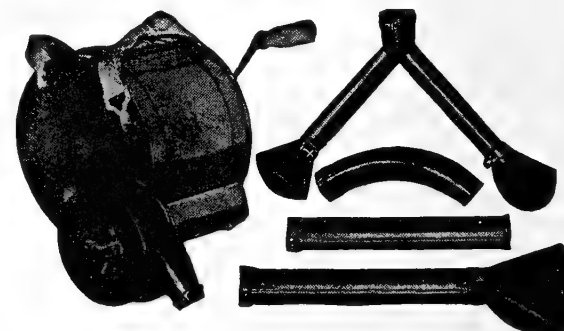
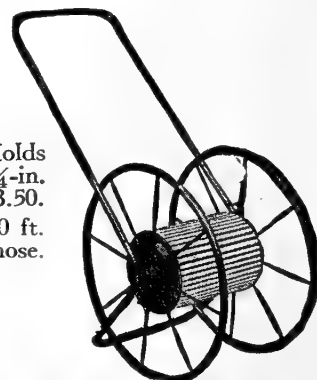


Hose Reels

(All iron)

Blue Bird. Holds 100 ft. of $\frac{3}{4}$ -in. hose. Price, \$3.50.

B-10. Holds 150 ft. of $\frac{3}{4}$ -in. hose. Price, \$6.00.



Challenge Duster—Model C-3B

This Duster is built up to the highest standard of quality. It provides a constant mechanical agitation with a positive regular feed and easy immediate control to any rate of flow desired. The operator can walk erect while dusting. Flexible Y tubes furnished as illustrated above at small additional cost of \$2.10. Price, \$22.20.

MICHELL'S DUSTERS, SPRAYERS, AND ACCESSORIES



Cyanogas Foot Pump Duster

A high-pressure Pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, \$11.00

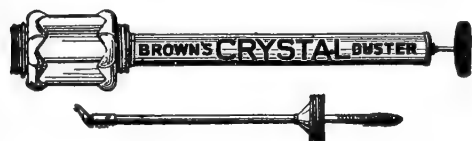
Dobbins Duster

No. 100. Price, \$14.00

A well-made Duster with steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops such as beans, melons, potatoes, tomatoes, cabbage, berries, tobacco, cotton, etc. It can be used very effectively on shrubbery and small trees. Discharge equipment includes four 15-inch pipes, one branch connection, two elbows and two nozzles. Capacity, 3 to 6 lbs. This Duster can be made to discharge dust in rear of operator, by addition of No. 1208 fittings. One in carton. Weight, 14 lbs.

No. 132. Price, \$1.50

Highly recommended for applying the more expensive Pyrethrum, Rotenone, and Derris Root dust insecticides with economy and effectiveness. A new principle assures a uniform discharge. Equipped with 2-foot extension with patented 2-way cap for dusting top and underside of leaves. For all garden and field crops. Will handle all dust insecticides. Capacity, 1 lb. Pump; 4-in. diameter, 7½-in. stroke. Equipped with Self-Lubricating Pressure Seal Valve Plunger. Powder Chamber; 3-in. diameter, 4½-in. long. Furnished with 2-way dust cap perforated for dusting top of leaves and slit for underleaf dusting. 24-in. extension tube.



Brown's Crystal Duster

This new type Duster for use in either the flower or vegetable garden has the glass jar showing balance of dust therein. Equipped with a long extension and adjustable nozzle which permits dusting without bending. Capacity, 1 qt. Price, complete, \$2.00.

Hudson Duster

No. 608. Adapted for all truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Made of heavy steel; gears machine-cut. Equipped with 2 nozzles, Y connection, and four 15-inch telescoping tubes, also 2 adjustable carrying-straps. Price, \$16.75.

Bellows

Large, double cone.....	\$10 00
Large, single cone.....	8 50
Small, single cone.....	5 50
Sulphur Bellows.....	6 00

Myers' New Idea Knapsack Spray Pump



No. 1330. Galvanized Tank. Capacity, 4 gals.; 1½-ft. brass extension rod. Weight, 15 lbs. Price, \$26.00.

Dobbins Knapsack Sprayer No. 45GA

4 gal. Galvanized steel. 100-lb. pressure in seven strokes. Price, \$24.85.

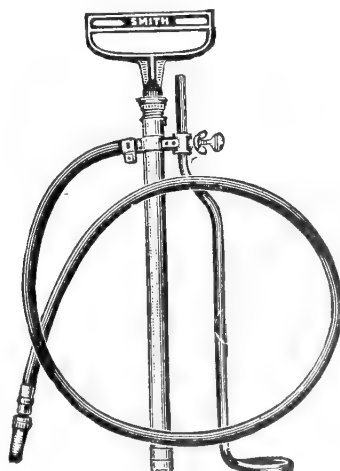
The New Hudson Speedway LEKTRIK-SPRAY



Now anyone can produce a smooth, even, professional-looking finish on reed furniture, metal or wood chairs, window screens, walls, woodwork, radiators, auto fenders, tables, cabinets and countless other items inside and outside the home with the new, easy-to-use SPEEDWAY Lektrik-Spray. Simply fill the glass jar, plug into an electric outlet and flip the switch. Price, \$34.95.

Vermorel Copper Knapsack Sprayer

Works on the compressed-air principle. Compact in construction and light in weight, so that it can easily be carried around. Price, \$45.00.



Bucket Pump

No. 327½.

A double brass-chamber arrangement. Price, \$7.50, including hose and nozzle.

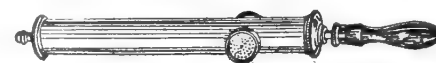
Bucket Spray Pump

Made entirely of brass, except the foot-rest and hand-grip. The prices below do not include bucket, but include nozzle and 3½ ft. of ¾-in. hose.

No. 689. With bucket fastener. Price, \$9.50.

Rubber Sprinklers

8 ozs.\$1 00 | 14 ozs.\$1 50



Heavy Brass Syringes

No.	Diam.	Length	
101/1.	1½ in.	18 in.	1 spray.....\$6 50
7.	1 in.	20 in.	2 sprays.....9 50

Extension Pipes, Etc.

For reaching into trees. ¾-in. threads.

Brass, 2 ft.....	\$0 75
Pet Cock, for extension pipes.....	1 00
Paragon Extension, 2½ ft.....	60

Myers' Kwikfill Compressed-Air Sprayer

No. 2242. Galvanized Tank. Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, \$10.75.



Auto Spray

A compressed-air Sprayer with open head and strongly reinforced corrugated tank.

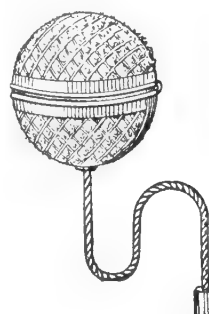
No. 4D. Brown's. Steel tank; capacity 4 gals. Equipped with hose and Auto-Pop nozzle attachments. Price, \$10.00.

No. 44G. Dobbins Big Head. 4-gal. tank. With hose and attachments. Price \$11.50.

No. 26G. Lowell Jr. Steel tank. Capacity 2½ gals. with hose and Auto-Pop nozzle attachments. Price \$8.50.

No. 56G. Pennant-Lowell. 4-gal. steel tank. Price \$10.00.

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When purchased separately: Plain, \$1.75 each; complete with hose, \$2.00.



Asbestos Torch

For burning out worms, caterpillars, and other tree pests. Price, 75c.

Poles. Hardwood. 12 ft. Price, \$2.50.

ALL PRICES SUBJECT TO MARKET CHANGES

With dependable equipment you are off to a good start

MICHELL'S HAND AND POWER SPRAYERS, ETC.



Streamline Blizzard Sprayer

No. 14C. Solid Copper Tank. Capacity, 1 1/8 qts. Weight, 2 1/2 lbs. Continuous spray. Price, \$3.50.

Paragon Sprayers

These Sprayers are of superior quality in material and workmanship. They will not clog, therefore it is not necessary to strain the material used. Not only do they handle insecticides, fungicides and disinfectants, but also whitewash, cold water paints, etc.

No. 00. Capacity, 5 gals. Equipped with 5-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$19.65.

No. 1. Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$22.75.



No. 3

No. 3. Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7 1/2-ft. spray pipe, and 3 nozzles. Price, \$29.95. Without truck, \$25.25.

No. 4. Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$49.75.

No. 5. Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$57.75.

Bucket Washers for Paragon Sprayers, 25c.

Fittings for Paragon Sprayers

	Price
No. E85. 2-Way Spray	\$2 75
No. B35. Extension Pipes.....	65
No. E86. Y Fitting.....	1 10
No. B7. Hose Coupling, complete....	1 20
No. B18. Strainer.....	1 40
No. B10. Female Hose Coupling.....	80
No. B20. Stop-Cock.....	1 10
No. B24A. Mist Spray Nozzle.....	1 00
No. B22. Brass Hose Bands.....	10
Spray Pump Hose. 3/8-in.....	22
Extension Pipe with bent end for Paragon Sprayers.....	60

Aprons

For protecting the clothing while watering, etc.

Rubber	\$3 50
Blue Denim	2 25



Michell's Hand Compressed-Air Sprayer

This is the best Hand Sprayer ever offered. Very easily operated. Especially preferred by the ladies.

Tin. Price, \$1.25.

Hydrospear

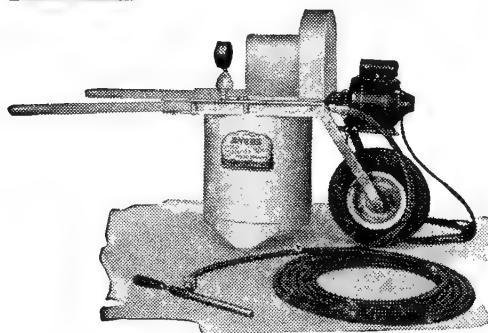
For watering all kinds of plants, trees, and shrubbery at the roots. Fine for fertilizing and applying remedies to the roots.



Screw swivel-base connection on end of hose. Grasp handle firmly and push point into ground to desired depth. Open stop-cock and allow the amount of water desired to flow to roots. Handle, stop-cock, and hose connection are brass; tube is steel, copper plated. Price, \$6.00.

The Misto Bottle Sprayer

An ideal Sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip. So simple in design it will last forever; nothing to get out of order. Made of metal, nicely nickeled. Can be used in connection with almost any ordinary bottle. Guaranteed in every respect or money back. Price, with bottle, \$2.25.



Myers Power Sprayers

The Myers power-operated Wheelbarrow-Type Sprayers have been developed to meet an insistent demand for small-capacity, light-weight, portable Power Sprayers for greenhouses, estates, golf greens, gardens, truck patches, beans, strawberries, or wherever a Sprayer of this type is desired for the efficient and economical application of spraying materials. Can also be used for white-washing.

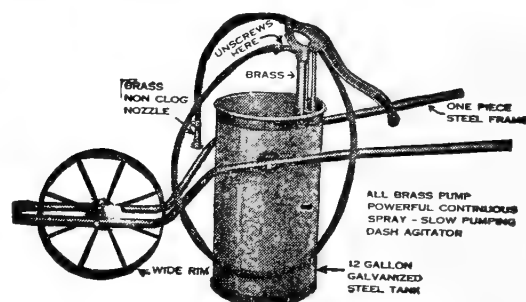
Especially recommended for greenhouse use.

Price includes: 15 ft. of 3/8-in. hose; Fig. 1283 Lever Shut-Off, Fig. 2957 Adjustable Nozzle, 18-in. Pipe Extension, and 300-lb. Pressure Gauge.

No. 4502-2MR 12 1/2. Motor-driven, with 50 ft. of cord and plug; rubber tire. 1/2 H.P. motor. Weight, 180 lbs. Price, \$197.50.

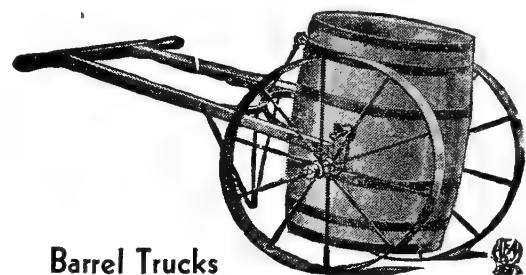
No. 4502-2ER 12 1/2. Engine-driven. Rubber tire. Weight, 182 lbs. 3/4 H.P. Price, \$187.50.

ALL PRICES SUBJECT TO MARKET CHANGES



Wheelbarrow Sprayer

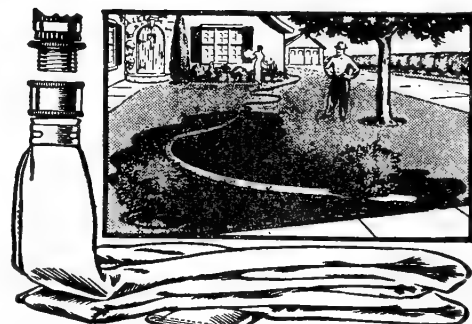
No. 60. Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or white-wash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, \$27.50.



Barrel Trucks

The Truck is constructed so that the Barrel may be detached quickly and the leaf rack attached.

Truck with 3 1/2-in. tires, all-iron wheels.....	\$25 00
Barrels , with trunnions, open head..	12 00
Truck and Barrel, Complete	37 00



Soil Soaker

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of scientifically created, mildew-resistant canvas; one end screws to water hose, other end closed. No spray—no waste on walks, driveways, in street—no excessive evaporation. Ideal for lawns, terraces, flower and vegetable gardens.

4 Home Sizes

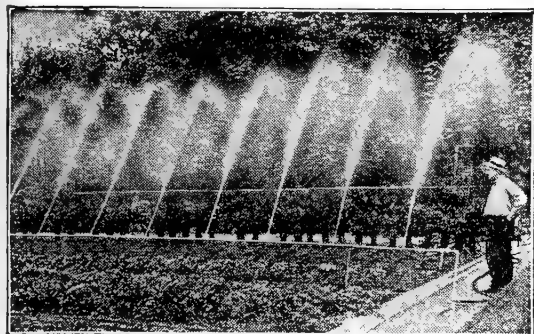
No. 0. 12 ft.....	\$1 65
No. 1. 18 ft.....	2 20
No. 2. 30 ft.....	3 40
No. 3. 50 ft.....	5 50

Root Irrigator

For watering plants, trees and shrubbery at the roots. By simply inserting into the ground to the desired depth and opening the valve, the water is released where it does the greatest good. Complete with shut-off valve. Price, \$3.00.

You will get good service from these Sprinklers

MICHELL'S SPRAYERS AND SPRINKLERS



Skinner System of Garden Irrigation

Line covers 50 feet wide; complete.

	Stationary	Portable
50-ft.....	\$18 15	\$20 35
100-ft.....	29 15	38 50
150-ft.....	42 00	57 50
200-ft.....	56 00	78 00

Hand Turn Union is included in above prices.

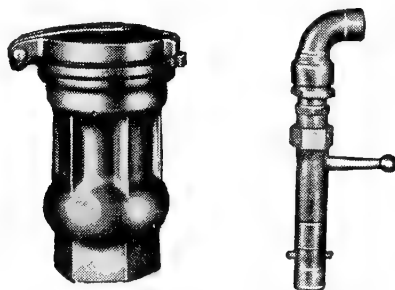
F.o.b. Factory

Prices on longer lines on request

Automatic Oscillator. For above lines \$28.75 if purchased with irrigation lines. Separate, \$34.50.

Skinner System Water Snap Valve

Valve is installed on water line so that top of valve is flush with lawn. Coupler with hose attachment is snapped into valve when water is desired. Cannot be turned on unless coupler is used.

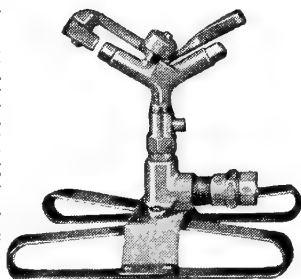


Valve for 3/4-inch or 1-inch pipe connection female thread.....\$5 85
Coupler fitted with swivel hose ell..... 6 00

Note: Coupler can be fitted with siamese double hose connection if sufficient water is available.

Skinner Utility Sprinkler

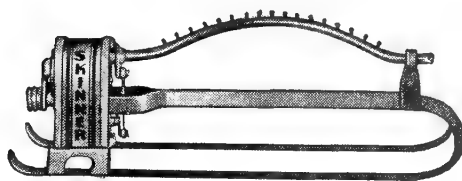
Simple, fool-proof, slow motion revolving Sprinkler. Operates by repeated impact of swinging arm, actuated by water issuing from secondary nozzle. An effective, dependable and positive Sprinkler.



Main Nozzle	Pressure lbs.	Diameter Coverage	Gallons Per Min.
3/8 in.	20—35	75—85	6—7.5
1/2 in.	25—45	82—97	8—10.5

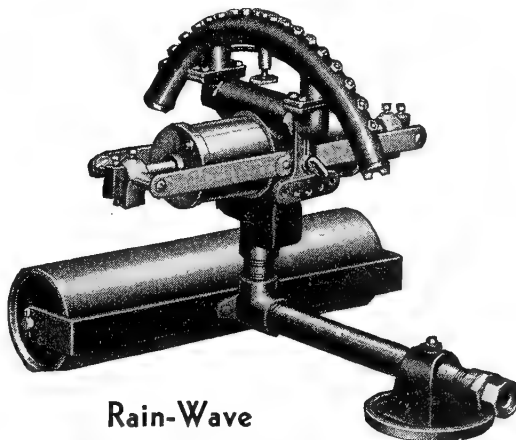
On Gal. Skid Base.....\$11 75
On Roller Base..... 13 75

Part Circle Sprinkler available on either above bases, \$3.75 additional.



Spray-Wave Sprinkler

The ideal oscillating Sprinkler for lawn, flower-bed, rock-garden, or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40 x 40 feet at 35 pounds' pressure. Price complete, \$22.50, for 3/4-inch hose connection.



Rain-Wave

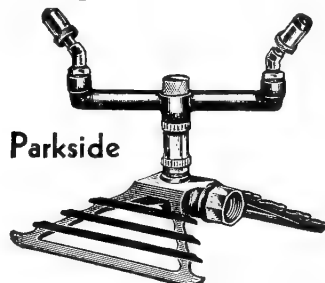
Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, \$42.50.

Waterfan Sprinkler

The Waterfan Sprinkler embodies every worthwhile feature of lawn and garden irrigation. Fine gentle spray; even rainlike distribution. Wide coverage, dependability and durability. Price, \$20.00.

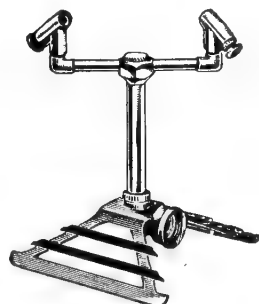
Anaconda

A reliable and popular Sprinkler. Large, polished brass head; polished brass arms. Sprinkles a circle 32 to 34 feet in diameter. 10 5/8 inches high. Price, \$2.25.



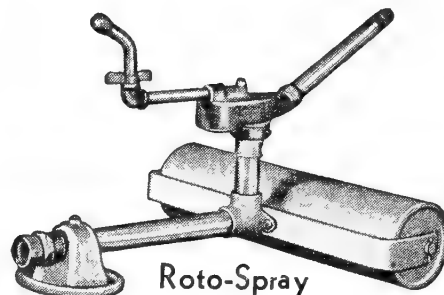
Parkside

Suitable for high or low water pressure. Adjustable for every sprinkling condition. Sprinkles from a fine mist to a heavy shower, and will cover a circle 20 to 48 feet in diameter. Price, \$4.50.



Junior

An all-purpose lawn Sprinkler. Adjustable from a revolving to a stationary Sprinkler. Suitable for high or low pressure. Coverage 30 to 40 feet in diameter. 8 inches high. Price, \$3.75.

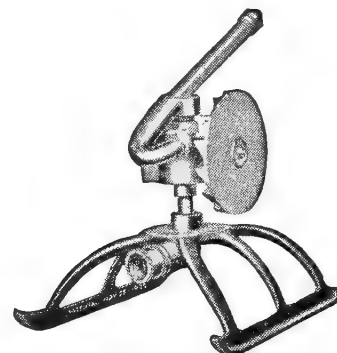


Roto-Spray

A high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray watering the central area. Covers a circle 95 to 120 feet in diameter, depending on pressure. Made of solid brass. Price, \$18.75.

Roto-Spray, Jr.

Same principle but of lighter construction. Price, \$15.75.

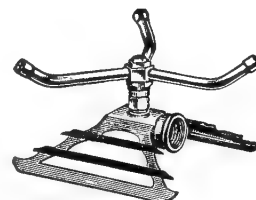


Double Rotary Sprinkler

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, \$13.50.

Zenith

Highly polished brass head and arms. Sprinkles a circle up to 32 feet in diameter. 4 inches high. Price, \$2.10.



ROTO-MASTER

The New Roto-Master Sprinkler

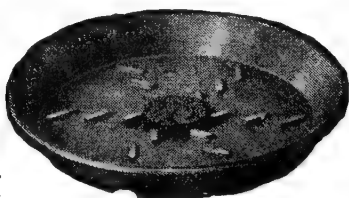
An ideal gift in a Sprinkler, for it is new and very satisfactory. It sprays a square pattern and distributes water equitably up to 2500 feet. No danger of watering the side of a house with this one. Price, \$3.25.

A supply of these Accessories will save you time and money

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ring marks. Preserves pottery. Colors: red or green.



Size	Takes up to a	Each	Doz.
5 1/8-in.	6-in. pot.	\$0 35	\$3 00
7 7/8-in.	8-in. pot.	60	5 75
10 3/8-in.	12-in. pot.	1 00	11 50
12 1/4-in.	for fern and palm tubs	2 00	23 00

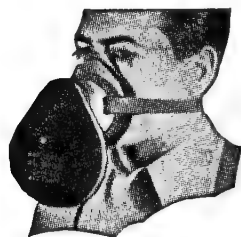
Michell's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$12.00.

Coal for Wagon Heater

\$1.75 per 12 briquets; 100 bricks, \$14.50; 144 bricks, \$20.00.

Dupor Respirator



For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, \$3.00.

Rubber Goggles

For protection of the eyes while working with harmful dusts and gases. Price, \$3.00.

Wire

No. 16.	Galvanized 12-lb. stone.	\$2 50
No. 18.	Galvanized 12-lb. stone.	3 00
No. 19.	Galvanized 12-lb. stone.	3 25
No. 20.	Galvanized 12-lb. stone.	3 35
No. 22.	Galvanized 12-lb. stone.	3 50
No. 24.	Galvanized 12-lb. stone.	4 00
No. 18.	Annealed	2 15
No. 20.	Annealed	2 25
No. 22.	Annealed	2 65
No. 24.	Annealed	2 85

Cut Bouquet Wire For Stemming Flowers

Cut 12, or 18 inches in length.

	12-lb. box
No. 18.	\$2 60
No. 19.	2 65
No. 20.	2 75
No. 21.	2 85
No. 22.	3 00
No. 24.	3 75

Special Seed Flat Soil

Treated for fungus; especially adapted for seed flats.

Qt.	\$0 15	1/2-bus.	\$1 25
4 qts.	50	Bus.	2 00
Pk.	75		

ALL PRICES SUBJECT TO MARKET CHANGES

Cut-Flower Vases, Galvanized Iron

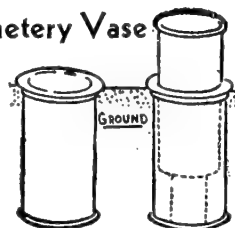
No.	Top Diam.	Height	Bottom Diam.	Each
65.	7 1/2 in.	8 in.	6 1/2 in.	\$0 95
66.	9 in.	10 in.	7 1/2 in.	1 15
67.	9 in.	11 1/2 in.	7 1/2 in.	1 25
68.	9 in.	12 1/2 in.	7 1/2 in.	1 35
69.	9 in.	18 in.	7 1/2 in.	1 50
70.	9 in.	24 in.	7 1/2 in.	1 80
253.	5 in.	10 in.	3 3/4 in.	85
254.	5 1/2 in.	11 in.	4 1/2 in.	90
255.	6 1/2 in.	12 in.	5 1/2 in.	95
257.	6 1/2 in.	15 in.	4 1/2 in.	1 25
258.	6 1/2 in.	17 in.	5 1/4 in.	1 30

Cemetery Vase

No. 2. Tin. Enameled; large. Each 30c.; doz. \$2.50.

Ground Level Cemetery Vase

Designed to bury in the ground. Inner cup sets up for service, turns down when not in use. Made of long-life metal. Aluminum finish. Price \$1.50 ea.



Enjoy Growing Your Favorite Varieties Indoors

The Green Thumb Window Garden is offered in three styles.

No. 1 contains two seed compartments, three transplant boxes, two seed starters with two seed compartments in each. Three transplant boxes with twelve transplant pots and one sub-irrigator in each. Complete set of growing instructions. Price, 75c.

No. 2 contains one plant box, one seed starter compartment, twelve transplant pots, one sub-irrigator for self-watering, one complete set of growing instructions. Price, 15c.

Red Paper Flower Pots

Neponset Red Pots protect against root ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth, allow growers to reestablish plants with less care and attention, help toward earlier maturity.

Diam.	Doz.	100	1000
2 in.	\$0 20	\$0 75	\$7 00
2 1/4 in.	20	75	7 00
2 1/2 in.	30	85	7 50
3 in.	35	90	8 00
3 1/2 in.	40	1 10	10 00
4 in.	45	1 45	12 00
5 in.	50	1 85	15 00
6 in.	60	2 25	18 00

Neponset Paper Pots Green—For Growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing of plants.

Diam.	Doz.	100	1000
2 in.	\$0 35	\$1 30	\$10 40
2 1/4 in.	40	1 35	10 55
2 1/2 in.	45	1 40	11 10
3 in.	50	1 45	12 75
3 1/2 in.	55	1 85	17 05
4 in.	65	2 50	20 70
5 in.	75	3 50	28 05
6 in.	90	4 50	35 85

Michell's Keystone Plant Tub

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to Tub.

Top	Diam.	Depth	Each
1.	6 in.	6 in.	\$1 20
2.	7 in.	7 in.	1 25
3.	8 in.	8 in.	1 30
4.	9 in.	9 in.	1 40
5.	10 in.	9 in.	1 60
6.	11 in.	10 in.	2 00
7.	12 in.	11 in.	2 40
8.	13 in.	12 in.	3 00
9.	14 in.	13 in.	3 60
10.	15 in.	14 in.	4 00
11.	16 in.	15 in.	4 50
12.	17 in.	16 in.	5 25
13.	18 in.	17 in.	6 00
14.	19 in.	18 in.	7 50

Earthen Flower Pots, Etc.

Height and Width inside	Each	Doz.	100
1 in.	\$0 04	\$0 35	\$2 70
1 1/2 in.	04	40	3 00
1 3/4 in.	04	45	3 25
2 in.	05	50	3 50
2 1/4 in.	05	55	4 00
2 1/2 in.	06	60	4 25
3 in.	06	65	4 75
3 1/2 in.	08	75	5 25
3 3/4 in.	10	90	6 25
4 in.	12	1 10	7 25
4 1/2 in.	14	1 35	9 00
5 in.	18	1 75	12 00
5 1/2 in.	22	2 25	15 00
6 in.	27	2 75	18 00
6 1/2 in.	36	3 50	24 00
7 in.	40	4 00	28 00
8 in.	60	6 00	40 00
9 in.	90	9 00	60 00
10 in.	1 20	12 00	75 00
12 in.	2 50	24 00	150 00
14 in.	4 00	40 00	275 00

Azalea Pots

Diam.	Depth	Each	Doz.	100
5 in.	4 1/2 in.	\$0 18	\$1 75	\$12 00
6 in.	5 in.	27	2 75	18 00
7 in.	6 in.	40	4 00	28 00
8 in.	7 in.	60	6 00	40 00
9 in.	7 1/2 in.	90	9 00	60 00
10 in.	8 in.	1 20	12 00	75 00

Earthen Bulb Pans

Diam.	Each	Doz.	100
5 in.	\$0 18	\$1 75	\$12 00
6 in.	27	2 75	18 00
7 in.	40	4 00	28 00
8 in.	60	6 00	40 00
9 in.	90	9 00	60 00
10 in.	1 20	12 00	75 00
12 in.	2 50	24 00	150 00
14 in.	4 00	40 00	275 00

Earthenware Saucers

	Each	Doz.	100
3 in.	\$0 06	\$0 60	\$4 25
4 in.	08	75	5 25
5 in.	10	90	6 25
6 in.	15	1 50	11 00
7 in.	21	2 00	15 00
8 in.	30	3 00	20 00
9 in.	40	4 00	28 00
10 in.	60	6 00	40 00
12 in.	90	9 00	60 00
14 in.	1 20	12 00	75 00
16 in.	1 80		

Add 10% packing charge on all Earthenware shipments outside delivery zone

We Are Unable to Ship Earthenware Goods by Parcel Post

POULTRY SUPPLIES AND INSECTICIDES

Poultry Supplies

Prices of Poultry Food fluctuate constantly and are subject to change.

Barley. Qt. 30c.

Bran, Wheat. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

Buckwheat. Qt. 40c.

Catnip Balls. A plaything and tonic for your cat. Each 35c.

Chick Food (Michell's). 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.

Corn Meal. Special Process. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.

Cracked Corn. 5 lbs. 65c.; 10 lbs. \$1.00; 25 lbs. \$2.25; 100 lbs. \$7.00.

Developing Food (Michell's). 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.

Grit, Fine, Medium, and Coarse. 5 lbs. 15c.; 10 lbs. 25c.; 25 lbs. 50c.; 100 lbs. \$1.50.

Grit (Red Cross Health). For pigeons, 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 100 lbs. \$2.75.

Hemp Seed. Lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.85.

Kaffir Corn. Lb. 30c.; 10 lbs. \$2.50.

Linseed Meal. Lb. 30c.; 5 lbs. \$1.25.

Mash Food (Laying Buttermilk). 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.

Oyster Shells, Fine or Coarse. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 65c.; 100 lbs. \$2.00.

Pigeon Food. 5 lbs. 85c.; 10 lbs. \$1.50; 25 lbs. \$2.50; 100 lbs. \$7.00.

Poultry or Scratch Food (Michell's). 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.

Bird Gravel with Charcoal. Each 10c.; doz. \$1.00.

Bird Gravel without Charcoal. Each 10c.; doz. \$1.00.

Bird Manna. Keeps canaries in prime condition and prevents the loss of song. Pkg. 15c.

Canary Seed. Plain Sicily. Recleaned and of excellent quality. Lb. 25c.

Canary Seed. Mixed. A mixture of the finest quality and in proper proportions. Lb. 25c.; 5 lbs. \$1.10; 10 lbs. \$2.10.

Cuttlefish Bone (Spratt's). Good for digestion and general health. Each 10c.; 1/4 lb. 35c.; lb. 85c.

Cuttlefish Bone. With holder for fastening to cage. Each 25c.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz. 15c.; 1/4 lb. 35c.; lb. \$1.00.

Maw Seed. Calculated to improve the song of canaries, etc. Lb. 35c.; 5 lbs. \$1.50.

Millet Seed. Recleaned seed; nutritious and appetizing. Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.00.

Parrot Food (Spratt's). Small pkg. 25c.; large pkg. 40c.

Rape Seed. Will keep the birds in excellent condition. Feed with canary seed. Lb. 35c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

Sand, Red. Fine. For bird-cages. Pkg. 10c.; doz. pkgs. \$1.00.

Sand, Silver. Fine. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.

Sand or Gravel, Silver. Coarse. For parrots' cages. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.

Song Restorer. For canaries. Bottle 25c.; doz. \$2.50.

Spratt's Sing Song. A tonic and song restorer. Pkg. 15c.

Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. Lb. 40c.; 3 lbs. \$1.15; 5 lbs. \$1.85; 10 lbs. \$3.50.

Wild Bird Cake. A balanced food of pure ingredients—seeds, grains, and berries selected because of food value. Each 35c.; 3 for \$1.00.

Wild Bird Seed Mixture. Lb. 15c.; 5 lbs. 70c.; 10 lbs. \$1.25; 25 lbs. \$2.75; 100 lbs. \$9.50.

Prices on Bird Seed in large quantities quoted on application

Paper Egg Boxes (1 doz. cap.)

Suwanee Paper Egg Cartons. Capacity, one dozen each. Made of heavy cardboard. Doz. 40c.; 100, \$2.25; 1000, \$20.00.

Eagle Style. Light-weight cardboard. Doz. 35c.; 100, \$1.75; 1000, \$15.00.

Metal Egg Boxes

1-doz. size	.....	\$1 75
2-doz. size	.....	2 00
3-doz. size	.....	2 50
4-doz. size	.....	3 00
6-doz. size	.....	3 50

MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.

Carbola. Paints and also disinfects. Dries white. An improvement on whitewash, combining the features of a cold-water paint and disinfectant. Will not rub or chip. Not a lime product. 5 lbs. \$1.00; 10 lbs. \$2.00; 25 lbs. \$3.75; 50 lbs. \$7.50.

Carbolineum. A poultry-house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay. In gallon cans only. Gal. \$2.00; 5 gals. \$8.00.

Chemo. A liquid lice killer that will not discolor the plumage of white poultry. Gal. \$2.50.

Pratt's Disinfectant. For dipping and spraying poultry and stock. Qt. 85c.; gal. \$2.25.

Spratt's Dog Soap. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. Cake, 25c.

Spratt's Dog Cakes

Spix. A bone-sized biscuit for small breeds. 5 lbs. \$1.25.

Ovals. A miniature biscuit for small breeds. 5 lbs. \$1.00.

Fibo. A granulated food. 5 lbs. \$1.25.

Sulphur Candles. Each 25c.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

Tobacco Stems. For making nests, etc. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales of about 250 lbs. at 3c. per lb.; 1/2 ton, \$22.00; ton \$40.00.

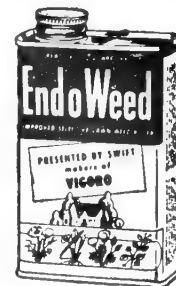
Farm Brood Coop

A big, roomy Coop, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. Then there is a wire run 38 x 21 x 16 inches. Price, complete, \$9.00.

Salt Bricks

For dairy cows, horses, and other animals. Brick, 25c.; doz. \$2.75.
Salt Brick Holders. Each 65c.

End o Weed



It's easy to use End o Weed. Best results are this way:

Apply at any time of day during periods when weeds are growing actively and temperature outdoors is at least 60°. Mix End o Weed with water according to directions on the package. Now spray entire lawn, applying one quart of mixture per 50 sq. ft. of lawn area.

End o Weed is absorbed by the leaves and stems of plants and carried down to the very tips of the roots with the sap flow. In three or four days you'll see the weeds start to curl. In just a week or so all signs of the weeds will be gone. Kills dandelions, chickweed, plantain and over 50 other weeds.

Pkt. 25c.; 1/2 pt. \$1.00; qt. \$2.75; gal. \$8.50.

Michell's Weed Killer

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks where you want no weeds.

Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds.; can be applied any time.

Qt. 70c.; gal. \$1.50; 5 gals. \$6.50; 30 gals. \$32.00; 55 gals. \$50.00. \$4.00 Returnable Drum charge.

DuPont Ammate Weed Killer

Ammate is not considered poisonous and may be used safely on weed-infested areas without danger to livestock and humans. It is entirely free from fire or explosion hazards and actually has inherent fire-retardant properties.

Ammate usually exerts only temporary soil-sterilizing effects, varying with the soil. Treated areas may often be used for growing crops during the same season.

2-lb. size 85c.; 6-lb. size \$2.25

WEEDONE is recommended for killing poison ivy, poison oak, bindweed or wild morning-glory, Japanese honeysuckle, sassafras, black locust, and wild or choke cherry. It will also kill many other weeds under favorable conditions. 6-oz. bottle, 75c.; 1-qt. bottle \$2.50, 1-gal. bottle \$7.50; 5 gals. \$30.00.

Tat C-Lect

Kills crabgrass in all stages—seeds, seedlings, mature plants. Perfectly safe to use on lawns, for it does not burn the grass. 8-oz. bottle 85c.; 16-oz. bottle \$1.50.

Alfco Crabgrass Killer

An amazing new discovery that effectively kills crabgrass and weeds in the lawn without destroying permanent lawn grasses. Sprayed on infested areas during September, Alfco will destroy both the plant and the seeds, checking reinfestation next year. One pound will treat 2000 to 4000 square feet. 8 ozs. \$1.00; lb. \$1.50; 2 lbs. \$2.50; 10 lbs. \$8.00.

MICHELL'S INSECTICIDES

ZOTOX, Crabgrass Killer

Amazing New Chemical Discovery
Kills Crabgrass without Destroying Lawn Grasses

Zotox introduces a new and revolutionary method of eradicating crabgrass in lawns. By selective action it destroys crabgrass without permanent injury to the turf. Lawn grasses are temporarily discolored by Zotox, but regain their natural color and vigor in a short time.

Zotox is easily applied with a compressed air sprayer or sprinkling can. A 16-oz. bottle (\$1.50 size) mixed with 10 gallons of water will treat a lawn of 2,000 sq. ft. (40 x 50). For "spot" treatment of small patches it goes much farther. 8 ozs. \$1.00; 16 ozs. \$1.50; 32 ozs. \$2.50; 5 lbs. \$4.50.

Solvay (Calcium Chloride)

For Preventing Dust on Driveways and Tennis Courts

An ideal dust-layer and binder for all gravel and dirt surfaces. The clean, white, odorless flakes are easy to use. Solvay kills weeds and prevents their regrowth.

Use about 2 pounds per square yard, broadcast over the surface. 100 lbs. \$4.50.

Insect Destroyers

Ant Traps, Thallate (Tat). Each 25c.

Magikil Jelly. New and very effective ant-control; also used to eliminate roaches, rats, and mice. 1-oz. tube 40c.; 7½-oz. tube, \$1.95.

Aphine. A contact insecticide, nicotine base, for destroying aphids, green and white fly, thrip, etc. Dilution 1 to 30. Qt. \$1.10; gal. \$3.50.

Arasan. A disinfectant used in treating seeds before planting. It checks seed-decay, certain seed-borne diseases, reduces damping-off on seedlings of certain vegetables—corn and peanuts. 1-oz. pkg. 16c.; 8 ozs. 80c.; 4 lbs. \$5.16; 25 lbs. \$30.00; 100 lbs. \$115.00.

Arsenate of Lead, Powder. Affords complete protection against the ravages of any chewing insect on foliage, flower, or fruit, without injury to the most delicate plant-life. Lb. 45c.; 4 lbs. \$1.50; 24 lbs. \$8.00; 96 lbs. \$30.75.

Arsenate of Calcium. Effective as a dust or spray in control of chewing insects on most vegetable crops, beans excepted. Lb. 30c.; 4 lbs. 75c.; 24 lbs. \$4.00.

Astogen. A safe, effective remedy for root aphids, cutworms, and other soil insects affecting asters and similar plants. 2 lbs. 75c.; 5 lbs. \$1.50.

Black-Leaf 40. A solution of nicotine sulphate. An excellent spray for destroying sucking insects on vegetables, flowers and plants. Effective in delousing livestock. Dilution 1 to 800. Oz. 36c.; 5 ozs. \$1.05; lb. \$2.42; 2 lbs. \$3.92; 5 lbs. \$7.40; 10 lbs. \$12.85; 50-lbs. \$53.90.

Bordeaux Mixture 12¾% Copper (Powder.) A copper sulphate and lime mixture for the control of fungous diseases (blight, rust, wilt, and mildew) on vegetables, flowers, fruit and shade trees. Lb. 35c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 48 lbs. \$9.50; 96 lbs. \$20.00.

Bug Death. Contains Natural Nicotine, Rotenone and Sulphur. It is effective on all vegetable crops; also controls leaf-hoppers and Mexican bean beetles. Lb. 35c.; 5 lbs. \$1.25.

Carbolineum. A germicide and disinfectant for purifying poultry-houses, stables, etc. Gal. \$2.00; 5 gals. \$8.00.

Cattle Fly Spray. Kills flies by contact. Will not stain or mat hair. Gal. \$2.00; 5 gals. \$9.00.

Ceresan (DuBay). 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. 1-lb. can \$1.25; 4¼ lbs. \$3.50; 25 lbs. \$16.09; 100 lbs. \$57.75.

Ceresan, New Improved (DuBay). A dust-disinfectant for wheat, oats, and barley. 4-oz. can 35c.; lb. 90c.; 4 lbs. \$3.00; 8 lbs. \$6.00; 40 lbs. \$26.40; 100 lbs. \$61.05.

Antrol

The National Ant Control
Kills Ants in Their Nests

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet- and grease-eating ants.

Ready Filled Sets containing four filled feeders, 39c.

Antrol Extra Containers, 10c.

Antrol Syrup. 4-oz. bottle, 20c.; pt. 50c.; qt. 90c.; gal. \$2.75.

Antrol Ant Traps. Kills both grease- and sweet-eating ants. Easy and safe to use. Each 15c.

Chaperone

Protect your garden from damage by dogs. Not dissolved by rain. One application usually lasts from two to three weeks. 4 ozs. 60c.; 12 ozs. \$1.25.

Cuprinol. Clear. Cuprinol-treated wood may be painted, varnished, waxed, or finished in any other way, although it protects equally well whether painted or left unpainted. Excellent for treating wood in greenhouses, forcing frames, plant boxes, posts, etc. Qt. 85c.; gal. \$3.00; 5 gals. \$15.00.

Copper Solution. An excellent fungicide for the control of mildew, black-spot, leaf-blight, rust, and other fungous diseases attacking fruit and flowers. Dilution 1 to 80. Pt. 85c.; qt. \$1.50; gal. \$5.00; 5 gals. \$22.50.

Corn Fume. You use it once—and the job is done. Corn Fume utilizes ingredients which have given excellent results in corn earworm control. Especially designed pump used for Corn Fume gives exact quantity needed for the proper application. Does not affect the flavor of the corn when used as directed. Non-poisonous to humans and animals when used for corn earworm control. ½-pt. 60c.; pt. \$1.10. Pump and ½-pt. combination \$1.50.

Cyanogas (Calcium Cyanide). G. Fumigant. The gas is exceedingly penetrating and easily kills breathing insects in any space where the gas can be confined. Destroys aphids, white fly, soft scale, thrips, etc. 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00. Descriptive circular free.

Cyanogas (Calcium Cyanide). A-Dust. For killing rats, moles, woodchucks, and other rodents. Lb. 98c.; 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

Cyanogas Ant-Killer

Ants are killed instantly in their nests. Don't use Cyanogas Ant-Killer indoors. 4-oz. can 39c.

Deenate 25W (du Pont). Wettable powder containing 25% D.D.T. For agricultural crops, farm animals and farm buildings. 4-lb. bag \$2.25; 100-lb. drum \$45.00.

Deenate 50W is used for the same purposes but it is cheaper and more economical than Deenate 25%. It leaves far less residue than the 25% solution. Lb. \$1.10; 4 lbs. \$3.25; 25 lbs. \$17.50; 100 lbs. \$50.00.

Dogzoff. If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. 4-oz. bottle 60c.; pt. \$2.50; qt. \$4.00.

Dutox. A non-arsenical insecticide for control of most beetles and other leaf-eating insects. Lb. 40c.; 6 lbs. \$1.75.



Use as a bellows by sliding bottom backward and forward while holding top of package firmly in your other hand, directing it to area to be dusted.

Buy refill cartridges when you buy your original dust gun package. Figure on three to four refills per season for smaller gardens—four to six for medium gardens. You'll never know what real advantage EndoPest brings you until you've reloaded your gun with the convenient cartridge refills. 10-oz. Applicator Gun (complete with cartridge) 79c.; 10-oz. Refill Cartridge 59c.; 2-lb. Pouring Spout Pkg. \$1.50; 4-oz. Sifter Top Pkg. 25c.

Fermate. Effective for diseases on apples, pears, sweet cherries, celery, tomato. Also for black-spot on roses, septoria leaf spot on chrysanthemums, and snapdragon rust. Lb. 80c.; 25-lb. drum \$18.00.

Fish-Oil Soap (Good's)

Number One. A semi-solid Soda Fish-Oil Soap, very effective against scale and soft-bodied sucking insects. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

Number Three. A soft Potash Fish-Oil Soap, excellent as an emulsifier in the preparation of oil sprays, and as a spreader and liberator with Nicotine or Arsenate of Lead. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

Number Nine (Rosin). A spreader and sticker in combination with chemical sprays on vegetable, fruit, and berry crops. Especially recommended for the destruction of boxwood maggot. Dilution, 1 pound to 50 gallons. 5 lbs. \$1.50; 10 lbs. \$3.00; 25 lbs. \$5.25; 50 lbs. \$9.00; 100 lbs. \$15.00.

Formacide. A stabilized formaldehyde dust, triple strength, seed- and soil-disinfectant used as a control of damping-off. ½-lb. 50c.; lb. 85c.; 5 lbs. \$2.50; 25 lbs. \$10.00; 50 lbs. \$17.50; 100 lbs. \$30.00.

Fume Tox. Recommended for the protection of vegetables, also plants, from destruction by rabbits and other animals of similar habits. 10 ozs. 65c.; 20 ozs. \$1.10.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S INSECTICIDES

Fungtrogen. Fungicide fertilizer. Invisible on foliage and blooms, it is an effective preventive and remedy for mildew, black-spot and other fungous diseases of roses, hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. $\frac{1}{2}$ pt. 75c.; pt. \$1.25; qt. \$2.00; $\frac{1}{2}$ gal. \$3.50; gal. \$6.00.

Garden Dust. (du Pont.) Contains 5% D.D.T. and 75% Rotenone for insects. A single dust or spray that is an effective insecticide and fungicide. Highly effective against both chewing and sucking insects and also against many fungous diseases. 1-lb. sifter top can \$1.15; 4-lb. pkg. \$3.50.

Grape and Rose Dust. A fungicidal dust, safe to use on any vegetable or flowering plants, against mildew, black-spot, and other fungous diseases. 5 lbs. \$1.50; 25 lbs. \$6.25; 100 lbs. \$22.00.

Hydroxide. (Bordeaux arsenical.) Potato spray. Controls leaf-eating insects and blight on potatoes, tomatoes, vegetables, and small fruits. Lb. 40c.; 4 lbs. \$1.00.

Kerosene Emulsion (Liquid Miscible Oil). Diluted in water this makes an excellent spray for all mild forms of scale. Dilutes 1 part to 10 parts of water. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00.

Kryocide. Insures protection for vegetables and fruit trees. Simply apply as a dust or spray. Lb. 35c.; 4 lbs. 85c.

Lemon Oil. A standard insecticide recommended for destroying thrip, aphids, mealy bug, etc. $\frac{1}{2}$ pt. 35c.; pt. 60c.; qt. \$1.00; $\frac{1}{2}$ gal. \$1.75; gal. \$3.00; 5-gal. keg \$12.00.

Lime-Sulphur. Dry. For effective control of San Jose scale, apple and pear scab, peach-leaf curl, and cherry leaf-spot. Lb. 45c.; 5 lbs. \$2.00; 25 lbs. \$4.75; 100 lbs. \$16.00.

Lime-Sulphur Solution. A concentrated liquid form of this widely used insecticide and fungicide for spraying fruit trees. Qt. 50c.; gal. \$1.25; 5 gals. \$4.50; 30-gal. bbl. \$10.50; 50-gal. bbl. \$14.00.

Molasses, Black. A crude grade of molasses, highly favored as a sticker. 5 gals. \$5.00.

Mologen. An odorless powder that eliminates moles from lawn in two or three days. Safe to use where pets are kept. $\frac{1}{2}$ -lb. can 50c.; 1 $\frac{1}{2}$ -lb. can \$1.25; 5-lb. can \$4.00.

Mosquito-Fumer. The Mosquito Killer. As easy as pointing a hose. Puts mosquito-destroying fumes right where pesky mosquitoes lurk; kills adults and larvae. Full directions on each package. 6-oz. can 45c.

Naphtha Flakes. Will control thrips, sowbugs, and other earth vermin. Lb. 30c.; 10 lbs. \$2.30; 25 lbs. \$5.50; 50 lbs. \$10.50.

Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable for spraying or for fumigating. Lb. \$2.75; 2 lbs. \$3.75; 8 lbs. \$13.00; 40-lb. drum \$56.50.

Nico-Fume Pressure Fumigator

Advantageous to greenhouse owners because fumigation reaches every leaf and bud; requires less time and labor than spraying. $\frac{1}{2}$ -lb. size 55c.; case lots of 1 doz. \$4.95. 1-lb. size, 85c.; case lots of 1 doz. \$8.65.

Nico-Fume Pressure Fumigator Holders for hand-directed fumigation with the Pressure Fumigator. Each \$1.00.

Nicotine Pyrox. It kills both chewing and sucking insects, prevents blight and fungous diseases. 20 ozs. 60c.; 5 lbs. \$2.50.

No Pest, fortified with D.D.T. Effective in its control of weevils, slugs, snails, and other leaf-eating insects. Garden size 30c.; $\frac{1}{2}$ -acre size \$15.00.

No-Py-Ro. A more effective control of red spiders, aphids, thrips and mealy bugs. No-Py-Ro contains sufficient wetting agents to give excellent coverage of insects and plants and will mix readily with hard or soft water. Qt. \$3.75; gal. \$12.00.

Para-Dichlorobenzene (PTB). The most effective remedy for the peach tree borer. 1 ounce per tree. 1-lb. can 60c.; 5-lb. can \$2.25.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. $\frac{1}{4}$ lb. 25c.; lb. 60c.; 4 lbs. \$2.25; 14 lbs. \$6.75.

Pomo-Green with Nicotine. A leaf-green material which can be used as a spray or dust, and which affords complete protection against black-spot, mildew, leaf-eating insects and aphids. 1 pound makes 4 gallons of spray. Lb. 80c.; 5 lbs. \$3.30.

Pomo-Green without Nicotine. Used as a dust only to control plant diseases and leaf-eating insects. 1-lb. can 55c.; 5-lb. carton, \$1.85.

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf-eating insects, blights, and fungous troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves even through the hardest rains. 25 lbs. \$6.00; 50 lbs. \$9.00; 300 lbs. \$40.00.

Rabbit Chaser, Lag's. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle, with directions, 50c.

Rat Paste (Zelio). The most efficient poison for destroying rats, mice, and other rodents. 2-oz. tube 65c.

Red Arrow Garden Spray (Pyrethrum Soap). A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 35c.; $\frac{1}{4}$ pt. \$1.00; pt. \$2.85; qt. \$5.50; gal. \$19.00; 5-gal. can \$85.00.

Red Arrow Garden Dust. $\frac{3}{4}$ % Rotenone. For the safe control of Mexican bean beetles and other insect destroyers of garden crops. Apply the dust as the insect first appears and continue at two-week intervals. 2 lbs. 75c.; 5 lbs. \$1.60.

Rotenone Dust (75%). An economical dust containing 75/100 per cent of Rotenone, one of the most effective contact insecticides. Controls many types of beetles and worms attacking vegetable crops. Lb. 50c.; 5 lbs. \$1.60; 50 lbs. \$15.00.

Scalecide, diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter. Qt. 85c.; gal. \$2.00; 5 gals. \$7.35; 30 gals. \$27.50; 55 gals. \$42.50.

Scale Oil. For dormant spraying of fruit trees and ornamentals. Dilution: 1 to 15. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00; 30 gals. \$23.50; 50 gals. \$32.50.

Selocide. A powerful contact killing agent which will kill from 90 to 100 per cent of red spiders in one application. Dilution: 1 to 200. Gal. \$3.50; 5 gals. \$16.75.

Semesan Bel. For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 2 ozs. 35c.; lb. \$1.83; 4 lbs. \$6.33; 40 lb. pail \$59.00; 100 lbs. \$138.75.

Semesan Jr. For controlling seed-borne diseases of seed, field and sweet corn. 1 $\frac{1}{2}$ -oz. pkg. 17c.; 12-oz. can 62c.; 6 $\frac{1}{4}$ lbs. \$4.16; 25 lbs. \$13.85; 100 lbs. \$49.95.

Semesan Special. For the prevention and control of brown patch and other fungous growths on fine turf and golf greens. 5 ozs. 70c.; 4 lbs. \$6.92; 25 lbs. \$39.96; 100-lb. drum \$149.85.

Semesan

For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis courts and lawns. $\frac{1}{8}$ oz. 12c.; 2 ozs. 45c.; 12 ozs. \$2.10; 4 lbs. \$10.10; 25 lbs. \$58.28; 100 lbs. \$219.80.

Slug Shot

A standard and safe dust which kills beetles, weevils, worms, and leaf-eating insects on vegetable and flowering plants. 1-lb. carton 40c.; 5 lbs. \$1.70; 25 lbs. \$5.50; 125-lb. keg, with a duster \$20.00.

Soap, C. P. O. A liquid soap-spreader with a distinct insecticidal value of its own. Dilution: 1 to 50. Pt. 95c.; qt. \$1.65; gal. \$4.00; 5 gals. \$15.00.

Grasselli Spreader

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. Pt. 90c.; gal. \$6.85; 5 gals. \$30.00.

Spor-Go is a copper mildew spray powder which contains twice as much copper as commercial Bordeaux Mixture. It controls blight and leaf-spot on potatoes, tomatoes, beans, cucumbers, and grapes and many other plants. One ounce makes 2 $\frac{1}{2}$ gallons of finish spray. It also is used as a dormant application on bramble fruits such as raspberries, etc. 1-lb. canister 75c.; 4 lbs. \$1.45.

Sulphate of Aluminum. Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00; 200 lbs. \$7.50.

Sulphate of Copper. A basic fungicide used in making Bordeaux Mixture, or alone to control various fungous diseases. Lb. 25c.; 5 lbs. \$1.00; 10 lbs. \$1.85; 25 lbs. \$4.50; 100 lbs. \$15.00.

Sulphur, Flowers of. A high-grade form of this standard fungicide and fumigant, adapted for either dusting or burning. Lb. 20c.; 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 100 lbs. \$8.50.

Sulphur, Wettable (Dritomic). It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab-rot, leaf-spot, mildew, rust, etc. 2 lbs. 25c.; 5 lbs. 55c.; 50 lbs. \$4.00.

Sulrote. Rotenone and sulphur dust for control of flower and vegetable garden insects. An economical dual-purpose dust, smooth, free-flowing, finely conditioned for dispersion and adherence. It has three functions, as an insecticide, a fungicide, and a repellent. Sulrote is effective against a wide variety of chewing insects; it is also effective as a contact insecticide against aphids, thrips, and similar sucking insects. 1-lb. canister 45c.; 4-lb. bag \$1.35.

ALL PRICES SUBJECT TO MARKET CHANGES

INSECTICIDES

Snarol

Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1-lb. pkg. 35c.; 2½-lb. pkg. 75c.; 6-lb. pkg. \$1.50.

Sunoco Spray Oil. A safe, inexpensive, efficient spray for the control of scale insects, red spider, and lace-wing bugs. Dilution: 1 to 25. Gal. \$1.50; 5 gals. \$5.75; 55 gals. \$26.00.

Tartar Emetic. To control gladiolus thrip, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.25; 5 lbs. \$5.75; 25 lbs. \$27.50.

Terogen. A new autumn and winter ground-dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin, \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 100 lbs. \$40.00.

Tobacco Dust. For dusting. 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

Tobacco Dust. For fumigating. Specially treated to induce easy burning. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

Tri-Ogen. The all-purpose spray. Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment. E Kit 90c.; A Kit (makes 16 qts.), \$1.50; B Kit (makes 64 qts.), \$4.00; C Kit (makes 32 gals.), \$6.00; D Kit (makes 128 gals.), \$20.00.

Thrip Juice, Hammond's No. 2. This preparation is very effective against aphids, red spider, mealy bugs, and sucking insects generally. Pt. 90c.; qt. \$1.50; gal. \$5.50; 5 gals. \$25.00.

Tree Tanglefoot

Stops all climbing insects. This sticky compound is easy to apply with a wooden paddle. 6-oz. can 50c.; lb. 80c.; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$15.00.

Tobacco Stems (Fresh). For fumigating and for mulching to destroy insect life in the soil. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 3c. per lb.; ½ ton \$25.00; ton \$40.00.

Volck Oil Spray. Can be used on growing plants in the nursery, greenhouse and garden and is used to control thrip, aphids, scale, mealy bug, red spider, leaf hopper, small caterpillar and leaf-spot. 4 ozs. 35c.; 16 ozs. 70c.; gal. \$2.85; 5 gals. \$8.50; 54 gals. \$48.50.

Wilson's O. K. Plant Spray. This spray offers a sure and safe method of control for boxmite, thrip, leaf-hopper, psylla, green, black, and woolly aphids, midges, currant worms, spruce gall, lace-wing fly on rhododendrons, crawling young scale. Dilution: 1 to 15. Qt. \$1.15; gal. \$3.50; 5 gals. \$13.50; 10 gals. \$25.00; ½ bbl. (30 gals.) \$63.00; bbl. (50 gals.) \$97.50.

Worm Destroyer. For earthworms. A safe, dry powder which will effectively and promptly bring earthworms to the surface and kill them. Apply at the rate of a half pound per square yard, then saturate the ground with water. Price on application.

PLEASE NOTE: No smaller quantity of Fertilizer than offered can be supplied

Drums Returnable for Credit when Charged

MICHELL'S FERTILIZERS

Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farm-yard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. Farmers, by utilizing straw, cornstalks, etc., can secure their manure without the expense and labor of maintaining livestock. 25 lbs. is sufficient to make ½ ton of manure; 150 lbs. is sufficient to make 3 tons of manure. 7½ lbs. \$1.25; 25 lbs. \$2.50; 100 lbs. \$9.50; 150-lb. bag \$12.00.

All Crop Fertilizer. A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

Ashes, Canada Hardwood. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200-lb. bbl. \$5.50.

Asparagus Fertilizer. A mixture that promotes root and top growth. Apply 800 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

Bacteria for Leguminous Crops. See Legume-Aid.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$5.50; 50 lbs. \$9.50; 100 lbs. \$17.00.

Blood, Bone and Potash. A very high-grade fertilizer for all vegetable and farm crops. 100 lbs. \$4.75.

Bone, Coarse Ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purpose. 100 lbs. \$8.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 50 lbs. \$4.00; 100 lbs. \$7.75.

Bonemeal

Michell's Special Grade. Unusually rich in nitrogen and phosphoric acid, the two principal plant-foods. We recommend this especially for lawns, gardens, and greenhouse, or any purpose where a high class fertilizer counts. Apply 800 to 1000 pounds per acre. 5 lbs. 55c.; 10 lbs. 90c.; 25 lbs. \$1.80; 50 lbs. \$3.50; 100 lbs. \$6.00; ½ ton \$55.00; ton \$100.00.

Bonemeal, Raw. Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bonemeal, but slower in action. 100 lbs. \$6.50; ½ ton \$60.00; ton \$115.00.

Bovung. A natural cow manure. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 500 lbs. \$21.25.

Cow or Cattle Manure (Shredded). Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; ½ ton \$34.00; ton \$65.00.

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 100 lbs. \$4.50; ½ ton \$34.00; ton \$65.00.

Dricrone Improved. A mixture of cow manure, poultry manure, and peat moss used for top-dressing and as a soil-improver. 7½ lbs. 75c.; 50 lbs. \$2.00.

Electra. A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. Lb. 35c.; 5 lbs. \$1.00; 25 lbs. \$4.00; 50 lbs. \$6.00; 100 lbs. \$10.50.

Ferogen. A remarkable plant-food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early spring and summer. Ferogen reinforces stable manure. Lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00; 100 lbs. \$40.00.

Hortobacco (Michell's). A fertilizer manufactured from a tobacco base. For lawns, putting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Hyper-Humus

Nature's Soil-Builder

Hyper-Humus makes an ideal top-dressing for the lawn, garden, and shrubbery, and is unexcelled for lightening heavy soils, or binding soils which are too light. Use at the rate of 1 to 4 pounds per square foot, depending on the condition of the soil.

Prices for bagged material: 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$9.50; ½ ton \$18.00; ton \$35.00; in loose bulk, truckload (minimum 10 tons), \$11.00 per ton f.o.b. plant; carload (minimum 25 tons), \$10.00 per ton, f.o.b. plant, Newton, N. J.

Hyponex Plant-Food. A medicine for plant life. Plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of poorness of soil. A teaspoonful makes a gallon of liquid plant-food. 3-oz. can 25c.; 1-lb. can \$1.00; 10 lbs. \$8.00; 25 lbs. \$15.00; 100 lbs. \$40.00.

Hygro Soluble Plant-Food. Dissolved in water and poured on plants, HY-GRO produces amazing results. Keeps plants healthy and productive as an all-season fertilizer. 3 ozs. 25c.; 20 ozs. \$1.00; 10 lbs. \$4.00; 2-lb. jar with applicator \$2.50.

Land Plaster (Gypsum). A form of lime which may safely be applied with manure, since other types react unfavorably on manure. When applied to land, it furnishes lime without increasing the alkalinity of the soil. Apply 1500 to 2000 pounds per acre. 10 lbs. 60c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

Lawn Dressing (Michell's)

A complete organic fertilizer made up expressly for use on lawns and putting-greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

When building a lawn, use 50 pounds per 1000 square feet, raked into the upper surface of the soil. Established lawns should receive spring and fall applications of 25 pounds per 1000 square feet, preferably mixed with top dressing, or watered immediately after applying. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.75; ½ ton \$38.50.

MICHELL'S FERTILIZERS

Legume-Aid. For alfalfa and all clovers: 1-bus. size 50c.; 2½-bus. size, \$1.00. For soy beans, peas, vetch and beans: up to 2-bus. size 30c.; 5-bus. size 55c. Garden size for garden peas, beans, and sweet peas, 10c. Always state what kind of seed you wish to inoculate when ordering.

Liqua-Vita. A liquid plant-food containing three major plant-foods, plus Vitamin B₁, Plant Hormones, and nine secondary plant-foods. It is as safe on small seedlings as on large plants. One-half ounce to one gallon is the maximum concentration. 8 ozs. 45c.; qt. \$1.25; gal. \$4.00.

Lime (Hydrated or Powdered). For correcting acidity in the soil. Apply at the rate of 1 ton per acre. 10-lb. box 30c.; 50 lbs. \$1.00; 100 lbs. \$1.75; 500 lbs. \$7.00; ½-ton \$12.00; ton \$22.00.

Limestone (Pulverized). The raw form of lime, useful where a coarse material is required on worn-out acid soils. Apply 1½ tons per acre. 80-lb. bag \$1.10; 5 bags \$5.00; 10 bags \$9.00.

Michigan Peat. Should be incorporated into the soil when possible. Since Michigan Peat is in itself the ideal medium for plant growth, you can not use too much. Will not burn. Michigan Peat is scientifically prepared, weed free, screened, odorless and ready for use. \$3.50 per 100 lbs.

Milorganite. A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flowerbeds, trees, etc. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$3.75.

Mum Manure (Smith's). Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs. \$3.75; 100 lbs. \$7.00.

Muriate of Potash. Usually used with other fertilizers deficient in potash. Excellent for potatoes, corn and other grains. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$1.75; 50 lbs. \$2.75; 100 lbs. \$5.00.

Nitrate of Soda. (16 per cent). A source of nitrogen in a form immediately available, which stimulates leaf- and top-growth of plants, of vegetables and fruit, and should therefore be used only after plants are above the ground. Lb. 25c.; 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25; 50 lbs. \$4.00; 100 lbs. \$7.00.

Phosphate, Ammoniated. A complete, balanced fertilizer for all vegetable crops and particularly suited for grain and cereal crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

Phosphate, Super (20 per cent). 100 lbs. \$2.50.

Fulton's PlanTabbs are the finest of plant-foods, recommended particularly for potted plants as well as the flower and vegetable garden.

12 tablets 10c.; 36 tablets 25c.; 90 tablets 50c.; 240 tablets \$1.00; 2 lbs. \$2.75.

Potato Fertilizer (Michell's). Apply at the rate of from 800 to 1000 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00; ½-ton \$28.00.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.50; 200 lbs. \$4.50.

Soil. For potting. Qt. 10c.; ½pk. 30c.; pk. 55c.; bus. \$1.75; bbl. \$3.50.

Soil. Plain top. 100 lbs. \$1.75; 500 lbs. \$7.50.

ALL PRICES SUBJECT TO MARKET CHANGES

Sheep Manure, Wizard Brand. Beautiful flowers and thick velvety green lawns are possible only on rich, physically perfect soils. Wizard Manures promote strong healthy growth by supplying an abundance of humus, vitamins and mineral foods needed by all soils. 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; ½-ton \$34.00; ton \$65.00.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 100 lbs. \$8.00.

Stim-U-Plant. For more beautiful plants and flowers. The original plant-food tablet. Makes plants grow faster and bloom better. On market 22 years. Wonderful results. Odorless, clean, and economical. Prices: 10 tablets, 10c.; 30 tablets 25c.; 100 tablets 75c.; 500 tablets \$2.50; 1000 tablets \$3.50.

Sulphate of Aluminum. Especially adapted for rhododendrons and other plants requiring an acid soil. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers. Analysis equal to 20 per cent ammonia. 5 lbs. 75c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.

Sulphate of Iron. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 50 lbs. \$4.50; 100 lbs. \$8.00.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis equal to 50 per cent of actual potash. 5 lbs. \$1.00; 10 lbs. \$1.50; 25 lbs. \$2.25; 50 lbs. \$4.00; 100 lbs. \$7.00.

Superphosphate (20 per cent). A very high-grade phosphate. Apply 750 pounds per acre. 100 lbs. \$2.50; 200 lbs. \$4.50.

Tan Bark used for making paths in formal gardens. Can be supplied in 100-lb. bags only. 100 lbs. \$3.00; 1000 lbs. \$25.50; ton \$48.00.

Tankage. A blood-and-bone product yielding nitrogen, lime and phosphoric acid. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.00.

Terogen. A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.

Michell's Tree and Shrub Food

For Fruit and Shade Trees, Shrubs, Evergreens, Bush Fruits, Grape Vines and Hedges. This food should be applied over the area covered by the overhang of the tree. Where the ground is covered with grass, holes may be made with a crowbar and filled with the food. When setting out young trees mix from 1 to 5 pounds to each tree in the soil where they are to be planted.

From 1 to 2 pounds each will suffice for most shrubs and vines. Trees with a spread of about 10 feet require 5 pounds. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

Soil Auger No. 2. Best method for applying to trees. \$3.00.

Tobacco Stems. For fumigating, mulching, and fertilizing, these are invaluable. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 3c. per lb.; ½-ton \$25.00; ton \$40.00.

Universal Acid Plant-Food. For gardenias, azaleas, and other acid-loving plants. 100 lbs. \$6.75.

Velvetgreen. A high quality, scientifically blended and balanced plant food, excellent for obtaining more prolific growth of lawns, flowers, shrubs, trees and garden vegetables. It is clean, odorless and easy to apply. Circular free on request. Lb. 12c., 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00.

A PRODUCT OF SWIFT

VIGORO

COMPLETE PLANT FOOD

Vigoro. Complete plant-food. Safe, sanitary, odorless, and easy to apply. A single 100-lb. bag will feed 2500 sq. ft. Lb. 12c.; 5 lbs. 45c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Vigoro Tablets. Pkg. 10c.

Wonder Worker Fertilizer. An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn. 100 lbs. \$5.00.

Wood Ashes. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grassfields it is applied either in early spring or late fall. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200-lb. bbl. \$5.50.

Floralife is a nourishing, sterilizing mixture which retards wilting. Supplies nourishment to blossoms; expands their size! Pkt. 10c.; 30-qt. size can (1.3 lbs. net) \$1.00; 100-qt. size can (4 lbs. net) \$3.00; 250-qt. size drum (10 lbs. net) \$5.00.

ROOT-FORMING CHEMICALS

HORMODIN, the root-forming chemical

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart.

Powder No. 1. A general-purpose powder especially good for carnations, roses, poinsettias, chrysanthemums, and similar types. 1¾-oz. pkg. 50c.; 1-lb. pkg. \$3.00.

Powder No. 2. Designed for many of the woody and semi-woody types. 1¾-oz. pkg. 75c.; 1-lb. pkg. \$4.50.

Powder No. 3. Designed for the more resistant species including many evergreens and dormant leafless cuttings. 1-oz. pkg. \$1.00; ½-lb. pkg. \$4.50.

ROOTONE. The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs, and cuttings before planting with Rootone. Write for booklet. ¼-oz. 25c.; 2-oz. jar \$1.00; 1-lb. can \$5.00.

Vitamin B-1 (Thiamine Hydrochloride). Vitamin B₁ stimulates root-growth, restores sick and straggly plants to health, produces larger blooms, prevents root-shock in transplanting. 100 tablets making 2000 gals. \$1.00; 100 tablets making 100 gals. 35c.

TRANSPLANTONE. Vitamin Hormone Stimulant for rooted plants. 1-oz. can 50c.; 3-oz. can \$1.00; 1-lb. can \$4.00.

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

You can enjoy the cheerful company of many of our native song-birds during the entire winter season if you attract them to your home with suitable Shelters and Feeders.

	Each
No. 46. Martin House. 12-room. Not available.....	\$22 00
No. 14. Wren or Bluebird House.....	2 50
No. 17. Wren House.....	1 75
No. 21. Bluebird House.....	2 75
No. 23. Wren House.....	1 50
No. 25. For Woodpeckers, Chickadees, Nuthatches, etc....	1 75
No. 45. Squirrel House.....	6 00
No. 60. Robin House.....	2 50
No. 61. Wren House. Swinging.....	1 75
No. 77. Martin House. 4-room.....	6 00
No. 104. Rustic Seed-Feeder.....	2 50
No. 105. Rustic Suet-Feeder.....	1 50
No. 110. Combination Shelter.....	2 25
No. 114. Suet Basket.....	40
No. 124. Bishop Window-Feeders.....	3 50
No. 126. Squirrel-Proof Feeder for Suet.....	2 50
No. 127. Squirrel-Proof Feeder for Seed.....	2 50

Revolving Feed-Box

This bird-feeder, the most popular American type, has its glass end always facing the wind, so that the large open end is protected from storms. Size, 24 by 36 in. Furnished with an iron pole, 7 ft. long. Price, \$12.50. Smaller size of above, with wood pole. Price, \$8.50.

Window Feeder No. 124

The glass roof of the Feeder protects the food from the weather and permits observation of the birds at all times. Fitted with hinged glass top and built-in seed-hopper and suet-rack. Price, \$3.75.

Crystal Bird-Feeder

A simple inexpensive glass Feeder of the hanging type. Easy to fill, with the seed-supply always visible. Furnished complete with seed. ½pt. size 85c. Qt. size (with glass roof) \$1.75.

Glass Hopper Feeder. Wood roof and glass feed container. Price, \$4.95.

Michell's Wild Bird Seed

A mixture of seed and grain most attractive to the birds wintering in the Northern States.

5 lbs.....	\$0 70	25 lbs.....	\$2 75
10 lbs.....	1 25	100 lbs.....	9 50

Salt Box Inn No. R2

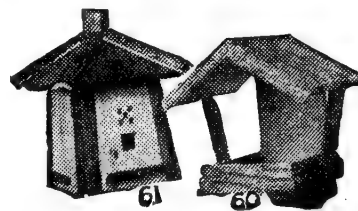
Built like the house after which it is named. Smaller than the Cape Cod Inn. Has seed hopper and cake holder. Size 13 x 17 in. Stained brown. Price, \$8.50.

Bird Cafe

For many birds at your window. An all-weather feeder. Glass top keeps out rain and snow. Easily attached to window-sill from inside the room. With suet cake holder and seed hopper. Height 8 in., depth 16 in., length 16 in. No. W16. Price, \$4.50.

Garden Snackery

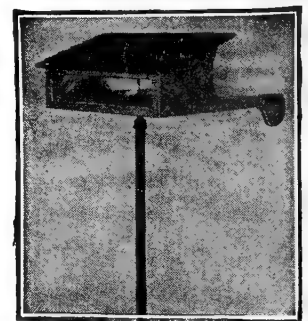
A glass-front revolving feeder. Vanes keep glassed-in front toward the wind and weather, protecting the interior. Equipped with seed hopper and suet cake holder as well as center pole and hardware for easy attaching to any post. Size 13 x 17 in. No. R1. Price, \$7.50.



Community Diner with Perches



Attracts clinging and perching birds. Filled with 12 tid-bits containing seed and suet, and pressed peanut and suet molded into paper cup. \$2.50 each.



Revolving Feed-Box

Pest Exterminators

Ant-X Jelly Bait. Ants like the taste of Ant-X Jelly, but it is "their last meal." They carry it back to their nests—destroys the whole colony. 35c. and \$1.00.

Ant-X Ant Traps. Attractive, sanitary, safety container for use in house or garden. Just break seal of box, and place where ants can get to it. Cannot be opened by a child or spilled by a pet. 25c.

Killmice. The new modern way to destroy mice in house or garden. Easy to use—clean, sanitary, no mixing—no traps needed. Large 2½-oz. pkg. 25c.

Mole-Nots. Sure death to bulb-eating, root-destroying moles. Life saver for lawns, flower and seed-beds. Safeguard bulbs when placed in ground at time of planting. 35c. and \$1.00.

Mouse-Nots. A meaty, easily hulled, treated seed-bait which appeals to the finicky taste of mice—"their last meal." 25c. and \$1.00.

Rat-Nots. A safe, scientific way to exterminate rats. Prepared bait contains genuine red squill—not a poison. 25c. and \$1.00.

Rat-Not-Paste. Recommended for big, well-fed elusive rats which dodge cats and traps, and are finicky in their eating habits due to easy access to tasty garbage, and feed and food warehouses. Rat-Not-Paste is FAST, QUICK, and LETHAL in its action. Ideal too, for control of chipmunks, squirrels, prairie dogs, etc. Packaged in handy convenient tubes. 35c. and \$1.00.

Rat-Not-Powder. Recommended for those who like to mix their own bait. Rat-Not-Powder is non-poisonous and relatively harmless to humans and animals. Contains genuine "Red Squill." Simply mix with table-leavings or other food-scrap and serve to rats. 15c.

Roach-Nots. A prepared powder bait, quick and effective. Roach-Nots "Lays them on their backs." 25c. and \$1.00.

RATSTOP with ANTU is a remarkably effective ratocide containing 15% alphanaphthylthiourea (ANTU)—85% inert ingredients. A powder that lends itself to several baiting methods: (1) For mixing with ground baits; (2) for dusting on moist baits; (3) for dusting without bait—as a tracking powder. 2 ounces makes 4 pounds of bait. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

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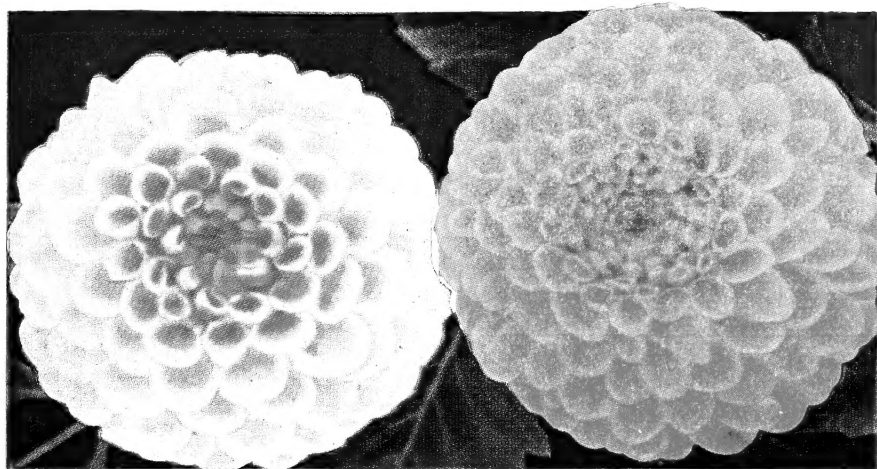
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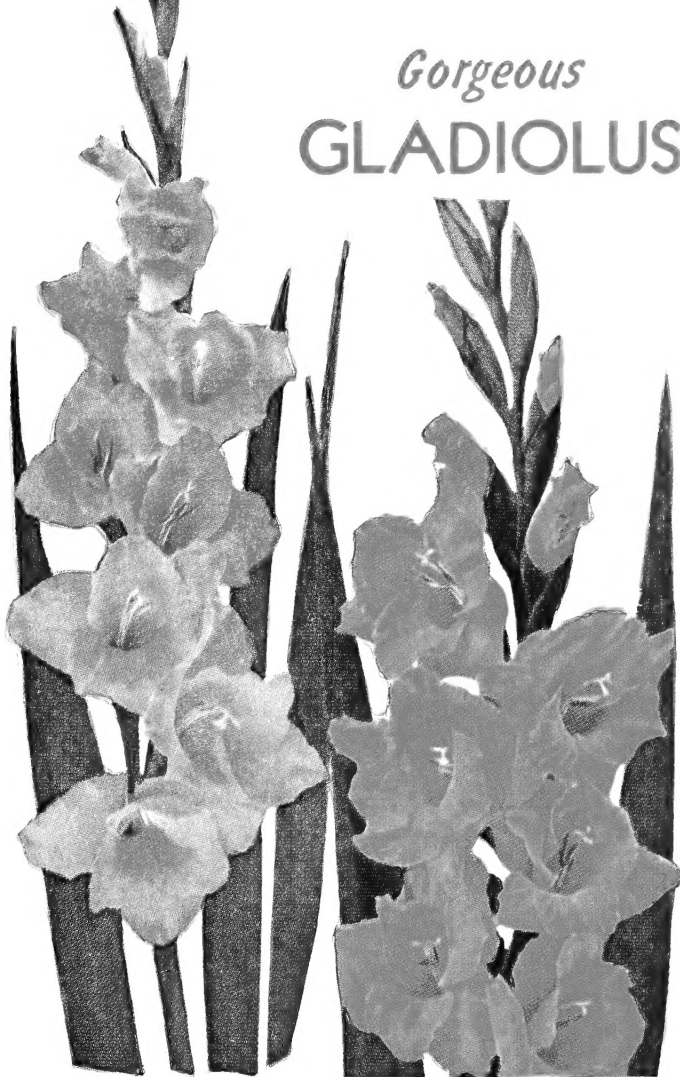
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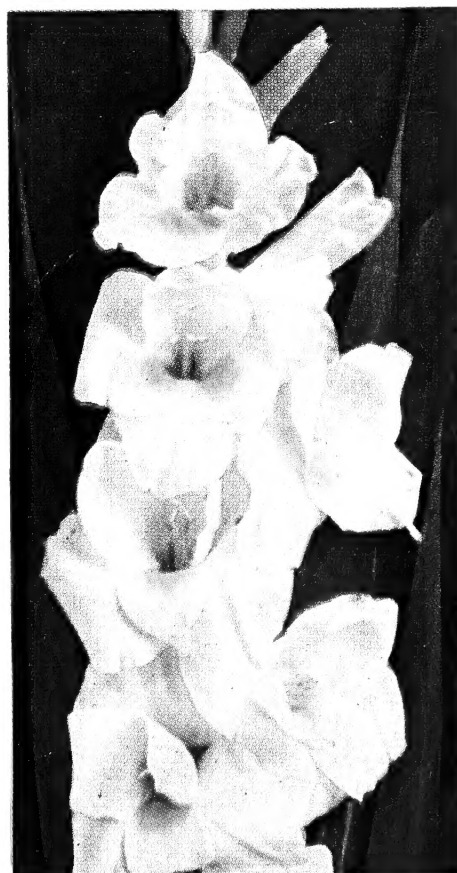
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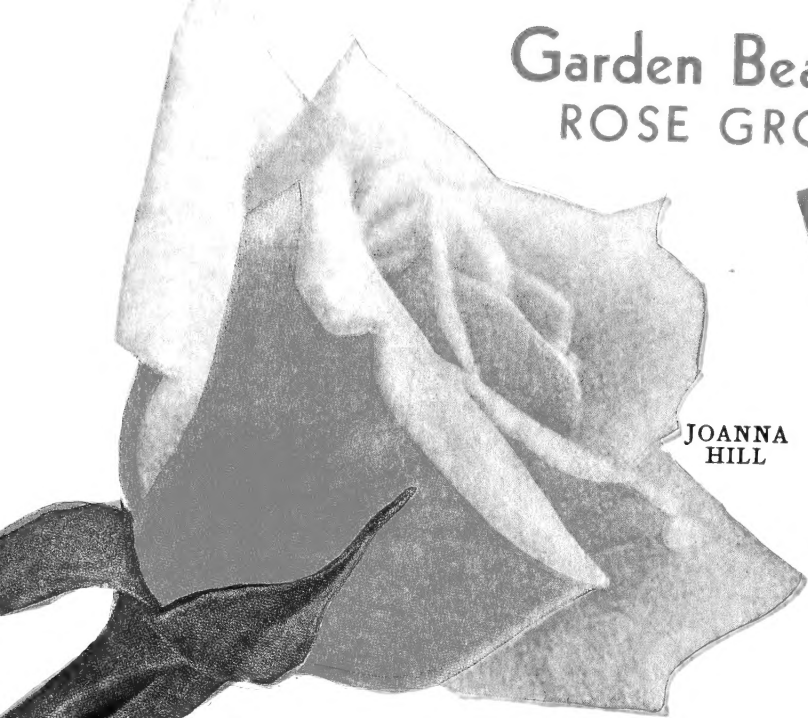


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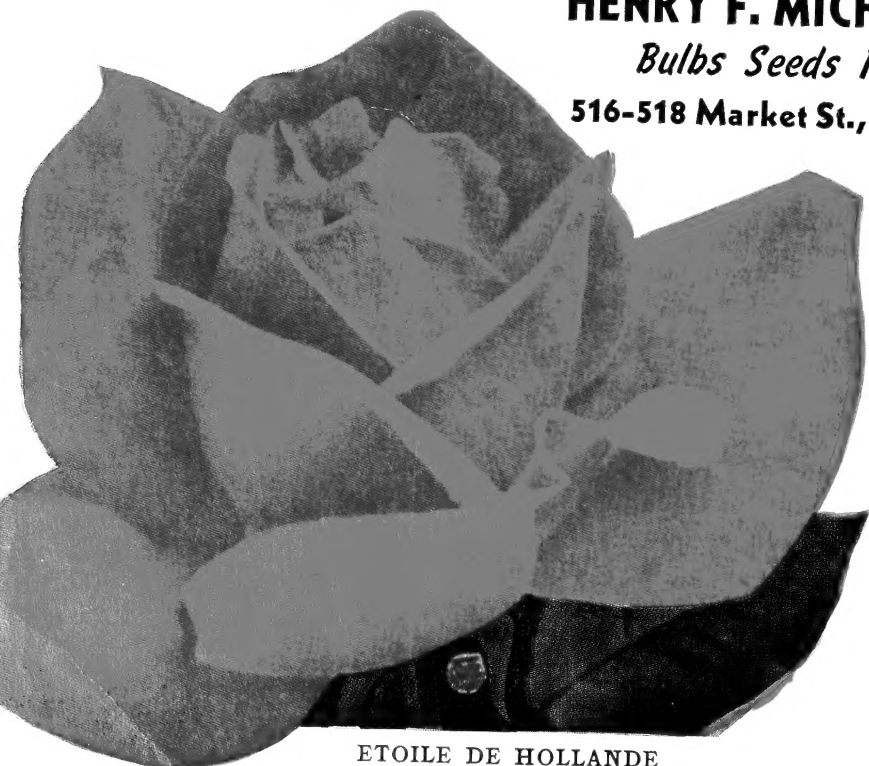


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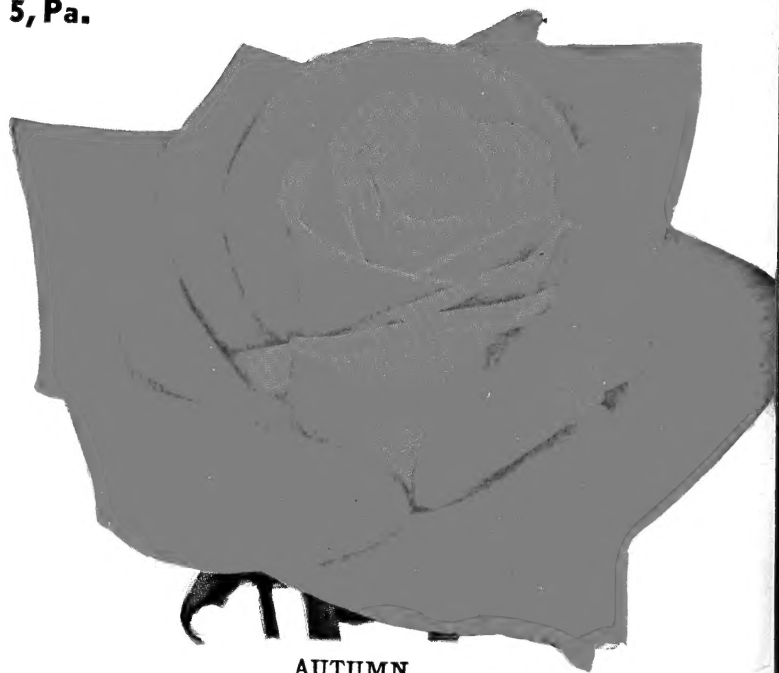
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